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RESEARCH –ANALYSIS - VALUATION

Patent*Explorer User-Manual*

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1. SET-UP

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    - Online ,PDF and analysis module
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    - Prepaid-Model- Search with a day by day invoice
    - Order prepaid credit
    - Remaining credit activation
    - Charge credit
    - Flat fee License Model-Unlimited Searching
    - How to order a license
    - How to activate a flat fee license
4. How to activate a license

1. Set up

Download

Here is about how to download for the first time or update your Patent*Explorer* version.

Installation - Start

Click on Products and select Patent *Explorer* and from the menu bar –here you will be able to download Patent *Explorer* for the first time or the latest updated software version available.

Step 1 - Download & unzip

Patent*Explorer* is ready to be downloaded as a zip file at the following download link PatentExplorer 2010.

Download the set up package on your PC and unzip it.

Step 2 – Start Set-up

After extracting contents from the zip double click on the **Setup_PatentExplorer2010.exe.** to start the Set up process .During the process you will be prompted by the system where to install Patent*Explorer* By default you will find it under "My Documents" in a Folder named "Patent*Explorer*". This folder contains all the necessary subfolders for running the application and some data samples.

Step 3 - Prepaid- or yearly license Model

1. Is your prepaid credit expired or do you want to credit some days? ->How to top up your credit
2. Do you want to activate your license? ->How to activate your license

2. System Requirements

Set-up requirements

Patent*Explorer* is a Window application and can only be installed at present in a Windows operating system environment.

System Requirements

Hardware minimum requirements

Before you install Patent*Explorer* on your personal computer or laptop make sure that the system meets following requirements minimum:

- 100MHZ or more Processor (or equivalent)1.5GHz of higher
- 512 megabytes (MB)of RAM recommended minimum, we recommend 1GB
- A 2GB hard disk that has 1000 MB of free space.
- Internet connection with a minimum of 768 DSL bits , we recommend DSL from 2 MBPS or higher

Optional

2 Monitor to analyze comfortably the patent documents.

Software Requirements

Patent*Explorer* starts with the operating systems.

- **Microsoft Windows2003/XP/Vista**.
- If not available, the runtime environment **NET.3.5 or higher** is required (installed with Patent*Explorer* set up) .In addition to that you require following software on your operating system to display patent documents.

Online, PDF-documents and analyses module

- MS Internet Explorer Version 6.0 or higher; Download: http://www.microsoft.com
- Acrobat Reader Version 5.0 or higher; Download: http://www.adobe.com
- Java runtime environnement (from Version 6);
  Download: http://java.sun.com/javase/downloads [Java Runtime Environment (JRE) 6]

3. How to top up your credit

Prepaid-Model- Search with a day by day invoice

Patent*Explorer* Prepaid-Model gives you full independency in your searches. You can pre-pay access which you can use only when you need it. You can monitor on a day by day basis how much credit you have left.

The 1 day pre-paid 24h access after invoice receipts payment. The 24hours charge count will start from the moment you will access Patent*Explorer* without interruption.

However if you will by mistake leave Patent*Explorer* running and you could not work with it – the time count will be stopped and no charge will be counted in your credit.

Charge credit Order prepaid credit

- Start Patent*Explorer* after the download
- You will be informed that there is currently no active license for the software. You will be prompted with two windows - choose the one mentioning :Get Prepaid Key
- Click on „Get Prepaid Key ".
- Click on „Select Budget "from the newly open window form and choose from the dropdown menu one of the 3 options available.
- This will give you instantaneously an overview of the costs for the option chosen
- Fill in your billing information and then click on" Buy prepaid Budget"
- You will receive in your mailbox an invoice and the prepaid –key you need for the activation of Patent*Explorer*
- Run Patent*Explorer* ->select License from the Menu bar ->select "Activate License" ->choose Prepaid Key and insert the activation key you received in the email
- You can now start using Patent*Explorer*

Remaining credit activation

- Start Patent*Explorer*
- Choose in the Menu bar ,License , -> "Prepaid"
- Click on the Tab „Order prepaid credits ".
- Choose one of the options available. Fill in your billing information and then click on" Buy prepaid Budget"
- You will receive in your mailbox an invoice and the prepaid –key you need for the activation of Patent*Explorer*
- Restart Patent*Explorer*
- The new and the old credit will be summarized

Patent*Explorer* Flat fee license Model– Unlimited Searching

With a Flat fee License you activate your Patent*Explorer* access without time limitation so you will receive an annual invoice for the software, unless you decide to cancel the subscription.

How to order a license

Select -> Products ->PatentExplorer to order depending on you requirements the number of licenses you require filling out the form or send a request to info@patentexplorer.de to receive a non-binding offer. You can find an overview of price and terms click on the map.

4. How to activate a flat fee license

- Start Patent*Explorer*
- Click on License in the Menu bar and select „Activate License „ on the left-hand side of the new window.
- Enter the **Company Name** and the **License Key** you received by mail
- Please enter under the voice of E-Mail and Name your contact details.
- Activate the License
- PatentExplorer will restart automatically

2. PATENT SOURCES

1. Introduction

In Patent*Explorer* you search and access data from different Patent Office as DEPATISnet, Espacenet ; USPTO,WIPO etc… The historical coverage as well as the data contents is different depending upon the sources you choose for your search: if you're searching one or several sources at once and which type of information you require by setting up in the User Options. These is the data you can search& display in Patent*Explorer* :

2. Bibliographic Data

Following are the different fields that you can search in Patent*Explorer* by using the different search masks

Publication Number
Publication Date
Publication Country

Application Number
Application Date
Application Country
Patent Priority
Kind code (Document type)
Title
Abstract
Applicant
Inventor
Citations and Non Patent Literature Citations

3. Contents and updates of bibliographic Data on Espacenet (EPO) available in Patent*Explorer*

Espacenet is the search engine from the European Patent Office and offers a content of over 90 countries coverage with different information depending upon the data available from the different patent offices. The content is updated every week.

CC	**Authority**	**DATE**	**Column1**	**NUMBERS**	**NUMBERS**	**Kind of data**	**Remarks and Gaps known to us**	**KIND CODEs (INPADOC)**	**DOCDB KIND CODE**
		from	**until**	**from**	**until**				
AP	ARIPO	01.11.1984	31.12.2010	8400001	201005522	Pub. Application	10/2006 docs added	A0	D0
		03.07.1985	31.12.2010	1	2190	Patent	1136-1154,1288-1440,1584-1653,1777-1793, 1812-1833, 1999-	A	A

							2010		
		06.06. 2002	06.06. 2002	1	1	Utility Model		U	U
A R	Argentina	08.02. 1973	18.08. 1995	192208	248466	Patent IPC from No. 200987 (PUB. DATE 750206) onwards. No inventors; titles in Spanish	before 25-09-1996	A1, A2, A3	A1, A2, A3
		04.12. 1996	30.03. 2011			Patent Applications	new law (after 25-09-1996)	A1, A2, A3	A1, A2, A3
		14.12. 1995	30.03. 2011			Utility models		A4,A5,A6	A4, A5, A6
A T	Austria	15.01. 1975	15.11. 2006			Pub. application. Titles in German	gap data added	A, A5	A
		15.11. 1980	15.04. 2011	1	505941	Europ. Patent	gap data added	E	T
		10.01. 1900	15.03. 2009	751	442766	Patent From No. 296908 (Publ. Date 720310) onwards IPC. titles in German		B	B
		25.07. 1994	15.04. 2011	1	11775	Utility Model		U1, U2, U3	U1,U2,U3 , U8
		15.10. 2005	15.04. 2011	500001	508890	Publ. Application		A1, A2, A3, A4, A5, A8, A9	A1, A2, A3, A4,A5
		15.10. 2005	15.04. 2011			Patent (new Law)		B1, B2, B8, B9	B1,B2,B8, B9
A U	Australia	13.02. 1922	25.08. 2005			Pub. application	Old Law (general remark for AU: a re-key of publication numbers is needed,	A0,A1,A3,A4,A5 AA,AB,AD,AE, AI,BA,BB,BD,BI,	A, A3, D0

							but not yet scheduled)	BH, CA, CD	
		03.01. 1957	01.03. 2007			Patent, Amended Patent	Old Law (general remark for AU: a re-key of publication numbers is needed, but not yet scheduled)	A0,A1,A3,A4,A5 AA,AB,AD,AE, AI,BA,BB,BD,BI, BH, CA, CD	B1, B2, B3, C
		09.10. 2006	14.07. 2006			Design	Old Law (general remark for AU: a re-key of publication numbers is needed, but not yet scheduled)		S
		24.05. 2001	14.04. 2011			Patent applications prior to acceptance	From 24-05-2001 onwards	A0,A1,A3,A4,A5 AA,AB,AD,AE, AI,BA,BB,BD,BI, BH, CA, CD	D0, A1, A2, A4, A5, A6, A8, A9
		24.05. 2001	14.04. 2011			Patent applications that have been accepted	From 24-05-2001 onwards	B1, B2, B3	B1, B2, B3, B4, B8, B9
		24.05. 2001	14.04. 2011			Patent applications that have been accepted but were subsequently amended and therefore needed to be republished.	From 24-05-2001 onwards	C	C1, C4, C8, C9
B A	Bosnia	28.12. 1998	14.09. 2001			Patent Application		A	A
		06.03. 1998	02.08. 1999			Patents rights inscribed into the registry on a basis of recognised right of former SZP until 1992-03-01.		B1	B1
		---	---			Granted Patents		B	B1

BE	Belgium	31.12.1926	07.12.1999			Old Law Until Publ. Date 19790702 (approx. No. 873263) only one foreign priority. From 19700702 IPC up to subclass. From appl. date 19790101 (No. 873264) onwards applicant, inventor and title in French or Dutch		A, A1, A2, A3, A4, A5, A6, A7, A8, A9	A, A1, A2, A3, A4, A5, A6, A7, A8, A9
		03.04.1979	10.08.1988	1	109	EP transformed patents		T1,T2	T1,T2
		31.03.1987	01.03.2011	1000001	1018572	New Law		AA, AB, AC, AD, AE, AF, AG, AH, BB, BC, BD, BE, BF,BG, BH	A0,A1,A2,A3,A4, A5,A6,A7, B1,B2, B3,B4,B5, B6,B7
BG	Bulgaria	15.02.1973	31.05.2000	14059	52210	Patent application and patents	From No. 23546 onwards applicant, inventor and title in English	' U', A, B1, B2	A1, A2, A3, A4
		15.06.1993	30.09.2009	60020	110386	Patent application (from December 1993 onwards)			A
		15.07.1994	29.01.2010	60366	65823	Patent (From December 1993 onwards)			B1, B2
		30.12.1998	30.09.2009			Utility models		U, Y1, Y2	U, U1, Y1, Y2
BR	Brazil	02.01.1973	19.04.2011			Patent	20-04-1999, 16-03-2004	A, A0,A3	A, D0, A2, A3, B1
		05.08.1975	19.04.2011			Utility Model		U	U, U2, Y1

		25.05. 2004	09.03. 2011			Additional Inventions Certificate	20-06-2006, 04-07-2006	C1, C2	C1, C2, C3, C4, C5
		25.02. 2009	12.04. 2011			Application of certificate of addition of invention published without search report			E2
BY	Belarus	30.09. 1997	30.09. 1997				only 3 documents have been inserted into the database		C1
CA	Canada	16-10-1874	09.10. 1990			Patents			A, A1, A2, B2
		16.10. 1990	01.02. 2011			Filed applications and granted patents Number > 1275150 and < 2000000			C, C2, E, F
		12.06. 1990	16.04. 2011	20000 001	2735749	Filed application and granted patent Number > 2000000, for new applications filed from 01.10.1989 onwards	gap data also uploaded	AA, B, C	A1, C, E, F
CH	Switzerland	31.03. 1969	15.11. 1977			Pub. application		A4	D
		21-01-1889	16.05. 1908	1	699	Patent of addition			E
		01-11-1888	14.02. 1975			Patent			A, B
		09.01. 1988	31.01. 2011	1	701471	Patent (until 30.06.2008)		A, A3, A8, A9, B, C1	A3, A5, A8, A9, B5, C1, C2

		30.09. 1998	31.05. 2007			Partial withdrawals and annullments of CH/EP patents		H1, H2	H1, H2, H9
		01.07. 2008	15.04. 2011			Publication of patent application (New Law 01.07.2008)			A1, A2, A3, A8, A9
		01.07. 2008	15.04. 2011			Patent (New Law 01.07.2008)			B1, B2, B8, B9
CL	Chile	07.01. 2005	24.10. 2008			Patent application			A1
		07.01. 2005	03.06. 2005			Granted Patent			B
		07.01. 2005	24.10. 2008			Industrial Design application			S1
		07.01. 2005	17.10. 2008			Utility Model application			U
		18.03. 2005	03.06. 2005			Utility Model			Y
C N	China	10.09. 1985	28.12. 1988	85100 001	8810590 1	Patent (old)		A, B	A,B
		04.01. 1989	20.04. 2011	10300 01	1020278 14	Unexamined patent appl., open to public inspection; Translation of an international Application	No abstracts: 3.3.93-21.4.93 No.1069388-1071293; 5.1.94-28.1.94 No.1080111-1081058; 27.3.96-24.4.96 No.1119062-1121385; 21.5.97-28.5.97 No.1149957-1150884, No. 1220816-1230334; 19.07.06; 26.06.08-03.07.08 No. 101194548-	A, T, K1	A, T, K1

							101199249		
		04.01.1989	20.04.2011	100425140	101898103	Patent	19.07.2006	B, C, K2, K3	B, C, K2, K3
		10.09.1985	28.12.1988	85200001	88219731	Utility model (old)		U, K4	U, K4
		04.01.1989	20.04.2011	20030001	201805674	Utility model (new)		Y, K5	U, Y, K5
CO	Colombia	13.02.1995	22.03.2011			Patent application			A1, A2
CR	Costa Rica	04.01.2007	30.07.2010			Patent application			A
		25.05.2009	12.04.2010			Utility model application			U
		04.05.2009	18.08.2010			Industrial design application			S
CS	Czechoslovakia	25.01.1983	15.12.1993			Pub. application Since 880816 titles in English		A1, A2, A3	A1, A2, A3
		22.02.1973	17.03.1993	148051	277679	Patent From No. 178501 onwards applicant, inventor and titles in English		' B' , ' L' , ' M', ' P', B1, B2, B3, B4, B6	B1, B2, B3, B4, B6

CU	Cuba	13.02. 1974	11.12. 1995	20602	22424	Patent (former collection) Number series not complete	21675 - 22423	' O', ' P', A, B	A2, B2, A1, B1
		20.01. 2006	24.02. 2011	21068	35601	Patent (current collection)			A1, A2, A3, B6, B7
CY	Cyprus	01.03. 1975	22.12. 2010	772	2612	Number series not complete	12/04; 1-5/2005	A, B1	A, B1, B2
CZ	Czech Republic	17.03. 1993	20.04. 2011			Pub. application	Sept./02	A3	A3
		17.03. 1993	20.04. 2011	277680	302380	Patent		B6	B6
		05.11. 1999	20.04. 2011	9277	22065	Utility Model		U1	U1
DD	Germany (EX_GDR)	08.05. 1952	15.07. 1999	647	301749	Patent from No. 127690 onwards applicant, inventor and titles in German		' C', ' D', ' S', ' T', ' U', ' W', ' Y', ' Z', A1, A2, A3, A4, A5, A6, A7, A8, A9 B1, C2, C4, C5, T9	A1, A2, A3, A4, A5, A6. A7, A8, A9, B1, C2, C4, C5, T9
		30.01. 1980	01.02. 1989			Economic and exclusive patent		B1, B3	B1. B3
		07.05. 1992	07.05. 1992	166252	34424	Public notice of inspection of patent application		AA, AB, AC, AH	A7, B2,A5
DE	Germany	05.01. 1967	28.04. 2011			Patent till 730104 only one publication stage (no granted patents)		A,A0,A1,A8,A9,B1,B2, C0,C1,C2,C3,T, T1, T2,T3,T4, T9	C, D2, A1, A8, A9, B1, B2,B3, B4, B8, B9, D1, C1, C2,

									C3, C5, D1, D2, R2 R3, T0, T1, T2, T3, T4, T5, T8, T9
		16.02. 1956	13.01. 1983	10000 01	2265773	Patent		B	B
		18-12- 1852	31.12. 1958	85489 0	1027923	granted Patent			C
		30.03. 2000	17.02. 2011			Publication of filing or grant of certificate		I1, I2	I1, I2, TD
		16.01. 1950	07.04. 2011			Utility model		U, U1, U8, U9	U, U1, U8, U9
		24.05. 2007	28.04. 2011			Notification of the publication of the international application in German language (title page only)		A5	A5
D K	Denmar k	03.01. 1983	23.12. 1993	1867/9 0	1456/93	Filed application Data of unpublished applications abandoned in 1994		X0, A0	D0
		06.01. 1975	01.07. 2001	1563/7 3	1895/99	Pub. Application (filed before 1.1.2000) Date of gazette given in statistics, correct publication date given in records		A	A
		07.01. 2000	28.03. 2011	20000 0005	2011701 05	Pub. Application (filed after 1.1.2000) Date of gazette given in statistics, correct publication		A5	A

						date given in records			
		29.04.1968	04.04.2011	111000	177055	Patent		B, B1, B2, B3, B4, C	B, B1, B2, B3, B4, C
		27.01.1992	11.04.2011			Translation of EP patent	gap data uploaded	T1, T2, T3, T4, T5	T1, T2, T3, T4, T5
		28.08.1992	08.04.2011			Utility model		U1, U3, U4, Y3, Y4, Y5, Y6	U1, U3, U4, Y3, Y4, Y5, Y6
DO	Dominican Republic	31.05.2002	31.08.2008	P20050025	2004000994	Patent application			A
		15.01.2007	30.05.2007	M20050198	M20060002	Utility model application			U
DZ	Algeria	25.01.2002	29.05.2005	85	3205	Patent of Invention		A1	A1
EA	Eurasian Patent Office	01.07.1996	28.02.2011	960001	201071135	Published application/ Published / Search Report		A1, A2, A3	A1, A2, A3
		01.07.1996	28.02.2011	1	14917	Patent, Amended specification		B1	B1, B2
EC	Ecuador	01.01.1990	30.10.2010			Patent			A
		01.01.1990	30.09.2010			Utility model			U
		25.01.2002	30.09.2010			Industrial design application			S

EE	Estonia	15.12.1995	15.02.2011	9400002	201000167	Published Patent Application		A	A
		15.02.1996	15.02.2011	2932	5526	Granted Patents		B1	B1
		17.10.1994	17.01.2011	1	1001	Registered Utility Models		U1	U1
EG	Egypt	31.01.1976	29.09.2010	9033	24833	Patent		A	A
EP	European Patent Office	20.12.1978	27.04.2011	1	2312924	Publication of the application	1139706-1139712,	A1, A2, A3, A4, A8. A9	A1, A2, A3, A4, A8, A9
		14.12.1983	27.04.2011			Patent		B1, B2, B8, B9, C9	B1, B2, B8, B9, C9
ES	Spain	01.01.1968	01.06.1993			Patent		A1, A2, A3, A4, A5, A6, A7, A8	A1, A2, A3, A4
		01.01.1981	16.12.1992	8100001	9200017	Patent (Concordances) Patents		A1, A2, A3	A1, A2, A3
		01.08.1987	28.04.2011	2000010	2357705	Patent (Law 1986)		AA, AB, AC, AF, BA, BB, BD, T1, T3, T5	A1, A2, A3, A6, A8, B1, B2, B8, B9, T1, T3, T4, T5, T8
		01.01.1968	01.08.1991			Utility model		U, Y, Y1	U, Y
		01.09.1996	01.07.1999	1022841	1040209	Utility model		U4, Y1, Y4	
		01.01.1988	28.04.2011	1000001	1074442	Utility model (New law 1986)		UA, YA	U, Y

FI	Finland	30.03. 1972	01.07. 1976			Filed application Data of unpublished application		A	A
		03.07. 1975	31.03. 2011	750002	20115313	Pub. application Date of gazette given in statistics; correct publication date given in data records	20045305-20045369	A, A0	A, D0
		31.05. 1968	31.03. 2011	40001	121774	Patent	114428-114434;115002-115103	B, B1, C	B, B1, C
		02.01. 1992	31.03. 2011	920001	20110119	Utility model application	20060402-20060452	U0	V0
		03.02. 1992	24.03. 2011	1	9159	Utility model	6208 - 6223; 6817-6839; 7526-7543	U1	U1
FR	France	20.12. 1968	20.10. 1972	92701	96550	Addition No IPC, no inventors, no applicants, no titles		E	E
		04.08. 1961	09.06. 1972	746	8483	Medicament No applicants, inventors and titles		M	M
		19.04. 1906	28.08. 1972	360334	1605050	Patent old system (without applicant, inventors and titles)		A	A
		29.08. 1969	22.04. 2011	2000001	2951607	Patent or utility model with title. Applicant, inventor and title for 1st publication stage. Only applicant and inventor for second publication stage. From publication date 850531 onwards, titles and		A1, A2, A3, A4, A5, A6, A7, A8, B1, B2, B3, B4	A1, A2, A3, A4, A5, A6, A7, A8, B1, B2, B3, B4

						inventors also for the second publication stage			
GB	United Kingdom	09.02.1983	30.03.2011	830001	201102796	Filed application Data of unpublished application		A0	D0
		04-03-1893	30.12.1921	189206472	191412523	before 1916			A
		03.01.1916	29.12.1978	9597	1537580	before 1949			A
		30.04.1969	12.08.2003	1150001	16054445	Law 1949		A	A
		04.01.1979	27.04.2011	2000001	2474822	Law 1978		A1, B2, B8, C	A, B, B8, C
		18.05.1994	06.04.2011			Corrected publication published		A8	A8, A9
GC	Gulf Coop. Council	30.10.2002	31.03.2007	1	413	Granted Patent		A	A
GR	Greece	31.10.1988	12.04.2011	88100003	20100100484	Patent Application (new law)	2002100517-2002100530	A	A
		31.10.1989	30.11.2010	1000001	1007092	Patent		B, B1, B2	B, B1, B2
		18.10.1988	31.01.2002	88300001	2001300079	Translation of claims of EP patent application		T1	T1
		29.09.1989	31.01.2002	3000001	3037092	Translation of EP patent	3027795- 3029260	T3	T3

		16.12. 1988	27.12. 2001	20000 01	2002378	Utility model	2002104-2002111; 2002113-2002135	Y	Y
G T	Guatem ala	29.06. 1966	20.08. 2007	19650 3243	2007000 02	Patent Application			A
H K	Hong Kong	05.03. 1976	20.02. 1998	93/76	1347/98	Patent		A	A
		03.10. 1997	15.04. 2011			Standard Patent		A1	A1
		03.10. 1997	15.04. 2011			Short term patents		A2	A2
H R	Croatia	11.08. 1994	31.03. 2011			Patent		A1, A2, B1, B3	A2, A8, A9, B1, B2, B3, B8, B9,
		31.03. 2007	31.03. 2011			Translation of an EP patent into Croatian		T3, T5	T1, T2, T3, T5, T8
H U	Hungar y	28.06. 1985	28.10. 2000	2952	3903	Deferred application numbers		A1, X1	A1
		28.03. 1990	28.02. 2011			Application number		A0, AA, AB, AC	D0, A1, A2, A3
		28.12. 1983	28.11. 2000	28332	78139	Examined Patent application		A2	A2
		29.01. 1973	28.02. 2011	16218 5	227304	Patent number. From Patent 170759 onwards: applicant, inventor and title in English		' P', B, B1, B3, X	B, B1, B3, A
		28.03. 1992	28.02. 2011			Utility model application		U0	V0

		28.09.1992	28.02.2011	1	3905	Utility model		U	U
ID	Indonesia	13.11.1997	03.01.2002	16801	30600			A	A
		10.07.1996	30.10.1996	800	1055	Patent		B	B
		22.07.1996	06.05.1997	122	177	Simple Patent		S	S
IE	Ireland	11.01.1995	13.04.2011			Pub. application.		A1, A2	A1, A2
		10.01.1973	03.02.2010	31812	85383	Patent	80966-80998, irregular delivery	B, B3	B1. B2
IL	Israel	20.06.1968	30.12.2010	29729	208802	Filed application Data of unpublished application	07-12-2000,5/2004,10/04-10/2005	A0, X	D0
		25.01.1968	30.12.2010			Patent	2/99; 3,4,5/00; 9/00	A1	A
IN	India	02.08.1975	11.05.2007	137485	203704	Patent		A	A1, E
IS	Iceland	24.10.1993	27.10.2009			Patent application made available to the Public		A	A
		18.10.1996	15.02.2009			Patent specification		B, B2, B6	B,B2,B6
IT	Italy	02.01.1978	04.11.2003			Filing application		A0	D0

		17.09.1990	28.04.2011			Published patent application	backfile data uploaded	A1, A2, A3, A4	A1, A2, A3, A4
		25.01.1973	30.09.2009	938501	1366395	Patent Titles in Italian, IPC up to subclass level	Many gaps from 2004 onwards due to errors in date of publication (see Newsflash 12/2009) 1312594-1312972; 1312974-1312980; 1312982-1313006, 1321241-1326869; 1326871-1329171; 1337797-1341944	A, B1	A, B, B1
		02.01.1978	03.10.1990	7800001	9064370	Utility model application (old)		U0	V0
		02.01.1978	20.06.1991			Patent for utility model		U	Z2
		02.03.1987	23.12.2010			Utility model		U, Y1	Z2, Y1
		13.06.1990	28.04.2011			Published utility model application	backfile data uploaded	U0, U1	V0, U1
JP	Japan	14.12.1971	06.01.1989	46006796	64003200	Unexam. application From 50033701 (publication date 750401) onwards with IPC symbols from 51111001 to 6402910 titles in English		A2	A
		09.01.1989	10.03.2011			Unexam. Application		A2	A
		16.01.1971	06.01.1989	46001625	64000600	Examined application		B4	B
		09.01.1989	29.03.1996	1000601	8034772	Examined application		B4	B
						Granted Patent		C3	C
		01.04.	09.03.	25000	4649554	Registered patent	gap data added	B1, B2	B1, B2

		1978	2011	01					
		26.07.1979	22.12.1988	54500001	63503591	PCT translations (before 1989)		T2	T
		12.01.1989	21.12.1999	1500001	11515160	PCT translations (before 2000)		T2	T
		11.01.2000	10.03.2011	2000500001	20110303	PCT translations (from 2000)	gap data added	T2	T
		06.08.1992	18.12.2008	6031401	2006000001	Unexamined utility models	gap data added	U2	U
		10.03.1960	24.01.2007			Granted utility models	1965-1970, 1972 - 1994	Y1, Y2	Y1, Y2
KE	Kenya	11.07.1975	01.09.1989	2535	3892	Patent		A, A1, X	A, D
KR	Republic of Korea	08.01.1978	28.02.2011			Patent specification.	Number format: yynnnnnnn from 1948 until 03-10-1997; nnnnnnn from 04-10-1997 until 14-05-1999; 10nnnnnnn from 15-05-1999 onwards	A, B1, B2	B1
		09.12.1978	28.02.2011			Official Gazette of the unexamined patents.	Number format: yynnnnnnn until 30-04-1998; from 15-05-1998 onwards number format ccnnnnnnn; PCT application: yy7nnnnnnn until 30-04-1998; from 15-05-1998 onwards ccyynnnnnnn		A

		17.09. 1981	17.03. 2010			Official Gazette of the unexamined utility models.	Number format: yynnnnnnn from 25-03-1983 - 14-05-1998; ccyynnnnnnn from 15-05-1998 onwards; yy7nnnnnn PCT application from 1983 until 14-05-1998; ccyy7nnnnnn PCT appl. from 15-05-1998 until 31-12-1998; PCT appl. from 1999 onwards are published as unexami		U
		10.01. 1978	13.11. 2009			Utility model specification.	Number format: yynnnnnnn from 1948 until 29-09-1997; nnnnnnn from 30-09-1997 until 14-05-1999; 20nnnnnnn from 15-05-1999 onwards	U, , XU, Y1, Y2	Y1
KZ	Kazakhstan	16.02. 2004	15.10. 2007	13953	18858	3 documents (4 in total) have been inserted into the database, no further delivery foreseen			A
LT	Lithuania	25.03. 1994	25.07. 1996	112	2071	Patent application (until 1994)		A	A
		25.07. 1996	25.03. 2011	95001	2010054	Patent application (from 1995)		A	A
		25.08. 1994	25.03. 2011	3001	5719	Patent		B	B
		15.10. 1992	25.04. 1994	2001	2664	Re-registrations of SU patents		A3	R3
LU	Luxembourg	02.06. 1945	31.03. 2011	27693	91785	Patent	29191-38699, 90868-90971, 91020-91035	A, A1, A2, A4, A9	A1, A2, D, A7, A9

LV	Latvia	20.10.1994	20.12.2009	10001	14042	Patent	12682-12699	A, B	A, B
		10.03.1994	20.11.1998	5356	5829	Re-registrations of SU patents		A3, A4, B4	A3, A4, B4
MA	Morocco	21.10.1993	02.05.2006	22853	27916	Patent of Invention		A1	A1
						Certificate of Addition		A7	A7
MC	Monaco	10.10.1975	30.03.2011	1	200137	Patent	200086-200089	A, A1	A, E
MD	Moldova	30.09.1994	31.12.2010	930012	20190029	Patent application	Number format changed from yynnnn to ccyynnnn from 01-01-2000 onwards	A,	A
		31.05.1994	31.12.2010	1	4088	Patent, Decision of grant	907-910; 912-930; 960-1130; 1595; 1694; 1836; 1983, 3513-3524	B1, B2, F1, F2	B1, B2, F1, F2
		31.12.1994	28.02.2009	940006	20080024	Utility model application		U	U
		12.06.1996	31.07.2009	1	212	Utility model		Y1, Y2, W1, W2	Y1, Y2, W1, W2
		31.01.2009	31.12.2010	1	314	Granted short-term patent for invention			Y

MN	Mongolia	20.11.1972	15.06.1989	57	465	Patent From No. 111 onwards applicant, inventor and title in English		A1, ' T'	A1, A6
MT	Malta	17.11.1967	08.05.1992	541	1102	Patent		A	A
MW	Malawi	09.05.1973	12.10.1994			Patent		A	A1, E
MX	Mexico	14.10.1980	01.10.1993	142838	206333	Patent of invention - from 1976 onwards		A, B	A
		03.02.1992	21.01.2011			Patent application	from 01-01-2007 onwards (filing date) new number format ccyynnnnnn		A
		25.05.1991	18.10.2010			Patent of invention - from 1991 onwards			B
		03.02.1992	01.01.1997			Published patent application		A1	A1
		02.01.1980	27.06.1991	2938	7734	Certificate of invention		U	E
MY	Malaysia	31.12.1953	31.12.1988	1/53	160/88	Reregistered GB patent		A	A
		26.10.1988	16.03.1989	100001	100020	Patent	only 20 publications available	A1	A1
NI	Nicaragua	05.11.2003	24.03.2008	200300043	200800197	Patent			A

NL	Netherlands	17.02.1924	31.03.1995	6400001	9900039	Unexamined application	1924-1963 only a small number of records in the database	A	A
		04.07.1995	16.02.2010			Registered specification laid open (patent law April 1995)			A1
		20.02.2010	01.03.2011			Patent application (from 20-02-2010 onwards)			A
		15.05.1973	06.05.2004	138762	195098	Patent B-documents (examined applications) as well as C-documents (granted patents) are stored (C-documents starting with publication date 790917)		B, C	B, C
		18.05.1995	03.03.2011			Patent (patent law April 1995)		A1, C1, C2	C1, C2, C8
						Patent (from 20-02-2010 onwards)			C, C8, C9
		01.01.2007	01.04.2010			Suppl. protection certificate application Granted suppl. protection certificate		I1, I2	I1, I2
NO	Norway	02.06.1986	09.12.2005	862172	20055847	Filed application Data of unpublished application		A0	D0
		10.12.1974	01.07.1975			Public application		A	A

		30.12.1974	04.03.2011	740004	20110358	Public application Date of gazette given in statistics. Correct publication date given in data records.		A	A
		25.06.1923	07.07.1997	37228	180817	Examined application; granted patent		B,C	B,C
		18.08.1993	04.04.2011	300001	330407	Patent		B1	B1
		11.07.2005	14.03.2011			Suppl. protection certificate application, Granted suppl protection certificate		I1, I2	I1, I2
		10.02.2000	21.02.2011			Document laid open for public inspection		B, B3	B, B3
NZ	New Zealand	06.03.1978	25.02.2011			Public application Titles in English, IPC symbols from 831216 onwards		A	A
OA	OAPI	15.08.1992	13.12.2006	9420	19202	Patent		A	A
PA	Panama	20.05.1996	27.07.2010			Patent application			A1, A2
PE	Peru	30.09.1992	31.01.2011			Patent application	gap data uploaded		A1
		04.12.2004	31.01.2011			Utility Model application	gap data uploaded		Z

PH	Philippines	03.07.1975	02.03.1999	9199	32016	Patent	7.9.93 until 9.9.96 (27617 - 29901) 17.7.97 until 24.7.97 (30534 - 30599)	A	A
		30.04.1991	23.12.1997	7194	8499	Utility model	1993 -1996 incomplete	U	U
PL	Poland	02.01.1978	28.02.2011			Public application		' O', A1, A2	A1, A2
		28.02.1973	28.02.2011	68341	208004	Patent From publication date 800731 (No. 110100) onwards titles in English	gap data uploaded	' B', ' L', ' M', ' P', 'B1, B2	A5, A6, B1, B2, B3,
		04.10.2004	28.02.2011			Utility model application	gap data uploaded	U1	U1
		30.11.2004	28.02.2011	60811	65304	Granted utility model	62540-62544	Y1	Y1
PT	Portugal	01.01.1976	28.02.2011	64670	105358	Public application	Aug. 03; 103113-103124; 12/2005, 1-4/2006	A, A1	A, A1
		03.04.1977	24.02.2011			Patent	Aug. 03; 10-12/2005; 1-4/2006	B	B
		28.04.2000	28.02.2011			Availability of national translation of European patent			E
		04.06.1981	24.01.2011	9852	10614	Published utility model application	9953-9961;12/2005; 1-4/2006	U	U
		15.12.1981	02.07.2010			Granted utility model	April 2004; May 2004; 6-12/2005; 1-4/2006	Y	Y
		30.06.2000	28.02.2011			Translation of EP patent into Portuguese	12/2005; 1-4/2006	T	T

RO	Romania	20.01.1973	27.01.1989			Patent From publication date 15.10.77 onwards applicant, inventor and title in French		' B', ' L', ' M', ' P', B, B1	A2, A3, A7, A1, B, B1
		05.10.1989	30.03.2011	100001	125885	Patent Titles in English		B, B1	B, B1
RS	Republic of Serbia	27.10.2006	31.12.2010	P304	P20100266				A
		15.12.2006	31.12.2010	49541	51326		back-file data added		B
		27.10.2006	31.12.2010	MP824	MP1178		back-file data added		U
RU	Russia	15.02.1993	27.09.2010	2000001	2400953	Patent	gap data uploaded	C1, C2, C9	C1, C2, C9
		27.07.1998	27.09.2010			Application for Invention		A	A
		16.08.1997	27.09.2010	3457	98080	Certificate for Utility Models		U1, U8	U1, U8
SE	Sweden	21.06.1982	11.01.2005	8203816	200500074	Patent application filed	Titles in Swedish	A0	D0
		10.06.1941	22.03.2011			Public application	Date of gazette given in statistics. Correct publication date given in records	A	A, A1
		07.06.1966	29.04.2008			Document laid open for public inspection			B
		07.04.1973	27.04.2010			Abstract available to the public	gap data uploaded	L	L
		30-06-	07.07.	4	227827	Patent specification (first			C1

		1891	1970			level, from 1 to 227869)			
		01.04.1968	16.09.2008	300001	470609	Patent (from 300001 onwards)		B, C, C2, E	C, C5, E
		21.03.1994	29.03.2011	500001	534016	Patent (from 500001 onwards)	gap data uploaded		C1,C2, C3, E
SG	Singapore	25.02.1983	01.09.1995	289/81	370/95	Patent		A	G
		01.09.1995	01.09.1995	9590327	9590960	Transitional application for re-registration		A2	A2
		28.11.1995	30.03.2011			Patent, (under patent act of 1995)	1995-1997 irregular deliveries	A1	A1
SI	Slovenia	27.11.1992	30.09.2009			Patent (before year 2000)		A, A1, A2, A8, B	A, A1, A2, A8, B
		29.02.2000	31.03.2011	20001	23156	Patent		C, C2,	A, A1, A2, B
		31.10.1997	31.03.2011			Translation of the claims of EP patents	Gap data	T1, T2	T1, T2
SK	Slovakia	10.11.1993	05.04.2011	93/1	500442009	Patent application	8/2004, 12/2004	A3	A3
		12.09.2000	06.12.2007	200000001	200705022	Patent application	200400223-200400228	A5	A5
		01.11.1993	05.04.2011	277680	287639	Patent		B6	B6
SM	San Marino	01.01.2000	07.03.2011	199900001	AP201100005	Publication of application			A
		01.01.2000	07.03.2011			Granted patent / Granted patent for PCT transfers			B

		01.01. 2000	06.12. 2006			Design / Model (first publication)			S
		01.01. 2000	12.11. 2010			Revalidation Design / Model			S1, S2, S3, S4
SU	U.S.S.R.	07.12. 1972	27.06. 2010	3622	1840806	Patent From 770630 onwards applicant, inventor transliterated from Cyrillic to Latin, English titles	08/1996-01/2005;1840383-18404111	' D', ' T', ' U', A1, A2, A3	A1, A2, A3
SV	El Salvador	14.03. 2000	13.09. 2010	2000000002	2010003567	Patent			A
TJ	Tajikistan	14.11. 1998	05.06. 2007	95000447	20050863	Patent Application	1,2,4,5,6/2003	A	A
		14.11. 1998	16.07. 2007	193	447	Patent, Re-registration of SU Patent	1,2,4,5,6/2003	B, A3	B, R3
		14.11. 1998	06.05. 2005	2	24	Utility Model Registration		U	U
TR	Turkey	01.01. 1973	23.09. 1997	16570	29007	Patent titles in Turkish, no inventors, IPC down to subclass level since 850801 (Doc. No. 20671)		A	A
		21.06. 1996	23.08. 2010	960001	201005576	Patent Application (some 96xxxx and 97xxxxx numbers only 6 instead of 7 digits)		A1, A2, T1,T2	A1, A2, A3, T1,T2
		21.06. 1996	23.08. 2010	960121	201006101	Utility Model	200601428-200602562	U, U1, U2, Y	U, U1, U2, Y

TW	Taiwan	01.01.2000	01.08.2010	354331	I328955	Patent	554654-555530; 557646-558414;103394-104252; 595169-595308,595169-595308	B	B
		01.01.2000	11.06.2009	355947	M358797	Granted Utility Model	irregular deliveries	Y	Y, U
UA	Ukraine	11.10.1999	26.05.2008	61180	82976	Granted Patent	76081-76393	A, A1, C1, C2	A, A1, C1, C2
		15.03.2004	26.05.2008	5965	32836	Utility Model	15410-15421	U	U
US	U.S.A.	23-04-1839	19.04.2011	RE8	RE42302	Reissue		E	E, E1
		04.01.1977	05.07.1988	954001	109201	Defensive publication Titles in English		H	I4
		28.01.1975	30.03.1976			TVPP (patent application)		A1, A4	I5
		13-07-1836	19.04.2011	1	7930766	Patent		A, B1, B2, B3,BA,BB	A, B1, B2, B3
		19.07.1994	19.04.2011	8837	21880	Plant patent		P	P, P2, P3
		02.08.2001	14.04.2011			Plant patent application		P1	P1
		03.12.1985	04.01.2011	1	H2252	S.I.R.		H1	H, H1
		15.03.2001	14.04.2011	2001000001	2011088129	Published application (pre-grant)	gap data added	AA, AB, A9	A1, A2, A9
		25.04.1916	19.04.2011	D48930	D636555	Design Patent		S1	S1

UY	Uruguay	31.10.2007	31.01.2011	24010	33129	Patent application		A1, A2, A3	A,A1,A2, A3
		31.10.2007	31.01.2011	3261	4017	Industrial design application	gap data uploaded	Q	Q
		31.10.2007	31.01.2011	3786	4363	Utility model application	gap data uploaded	U	U
VN	Viet Nam	06.07.1984	25.04.1997	1	344	Inventors Certificates and patents	37-49 (07/88 - 02/89) 68-81 (01/90 - 09/90) 100-245 (07/91 - 10/96) 283-327 (11/96 - 03/97)	A1, A3	A6,A1
		24.06.1989	25.10.1996	9	167	Utility Solution	48-146 (07/91 - 12/95)	U	U
WO	W.I.P.O (P.C.T.)	19.10.1978	21.04.2011	7800001	2011047393	Public application		A1, A2	A1, A2
		25.03.1999	07.04.2011			Later or corrected publication		A3, C1, C2, B1, B8, B9	A3, A4, A8, A9, B1, B8, B9
YU	Yugoslavia	28.02.1973	28.05.1992			Public application		A	A, A1
		28.02.1973	28.05.1992	31184	45560	Patent Applicant, inventor, title until publ. date 761231 in Serbo-Croatian, from 770228 (No. 33426) onwards title in English		B	B, B1, B2
YU	SERBIA and MONTENEGRO	03.03.2006	15.12.2006			Publication of patent application	gap data added	A, A5	A, A5

		08.01.1996	25.05.2006			Registered patent		B	B
		03.03.2006	27.10.2006			Petty patent		MP	MP
ZA	South Africa	27.01.1971	27.10.2010			Patent	Gap data uploaded	A, A1	A, D
ZM	Zambia	16.10.1968	25.05.1994			Patent		A, A1	A1, D
ZW	Zimbabwe	03.09.1980	25.01.1995			Public application Titles in English, IPC up to subclass level		A	A1

For the other sources as DEPATIS NET or USPTO please consult following links:

4. Full text Data

Claims
Description

Patent Full text information can be searched and displayed for the following authorities EP A and EP B Patents , WO applications , US application and patents as German Applications Patents and Utility Models.

5. Complementary Patent Data

Patent Family information

Legal Status

Legal Status Source displayed in Patent*Explorer* is INPADOC from the European Patent Office.

Herewith the Country Coverage as well as the coverage starting dates. Be aware that the information gathered by the EPO is the one sent by the national patent offices. It is advised always to double check the legal status.

				Ländercode/ Country Code/ Code du Pays			**Legal Event Types**						
CC	**LAND/ COUNTRY/ PAYS**	**von/ from/ de**	**bis/ until/ à**	**<CC >**	**EP**	**WO**	**Invalidations**	**Reinstatement**	**Oppositions**	**Assignments**	**PCT Entries**	**SPC/Term ext.**	
AT	Austria	15.01.1975	15.04.2011	AT			X	X	X	X			Patents
		15.08.1995	15.04.2011	AT								X	Utility Models, SPCs and electronically untreated patent data
		01.02.1995	31.03.2011			WO					X		PCT appl. entry into the national phase
		01.02.1995	08.10.2008			WO					X		PCT application entry delivered by WIPO
AU	Australia	06.01.2000	11.11.2004	AU			X		X	X		X	Provisional applications, complete applications and patents, old number

													format
		28.11.2002	21.04.2011	AU		WO	X		X	X	X	X	Provisional and complete applications, standard and innovation patents, new number format
		10.12.1998	25.02.2011			WO					X		PCT application entry delivered by WIPO
BE	Belgium	01.01.1984	30.11.2010	BE	EP		X	X	X		X		Patent data
BG	Bulgaria	02.01.2001	30.04.2010			WO					X		PCT appl. entry into the national phase
		02.01.2001	19.12.2007			WO					X		PCT application entry delivered by WIPO
BR	Brazil	01.03.1995	26.04.2011	BR		WO	X	X	X	X	X	X	Patents and utility models
		08.01.2003	02.01.2008			WO					X		PCT application entry delivered by

													WIPO
BY	Belarus	15.06.2007	28.02.2008			WO					X		PCT application entry delivered by WIPO
BZ	Belize	27.08.2002	23.03.2007			WO					X		PCT application entry delivered by WIPO
CA	Canada	01.04.1993	09.07.2004			WO					X		PCT appl. entry into the national phase
		01.08.1999	24.02.2002			WO					X		PCT appl. non-entry into the national phase
		01.01.2003	14.04.2011	CA			X	X	X		X		Patents
		01.04.1993	20.12.2010			WO					X		PCT application entry delivered by WIPO
CH	Switzerland	02.01.1958	15.04.2011	CH	EP		X	X		X		X	Patents
		04.01.2001	28.02.201			W					X		PCT application

			1			O							entry and further legal events delivered by WIPO
CN	People's Republic of China	01.01.2002	31.12.2007			WO					X		PCT application entry delivered by WIPO
		10.10.1985	31.01.2011	CN			X	X		X		X	Patents and Utility Models
		10.10.1985	31.12.2008	CN						X			Assignment and Corrections
CO	Colombia	31.01.2003	29.11.2010	CO									Patents
CZ	Czech Republic	14.06.2000	21.04.2011	CZ			X					X	Patents and Utility Models
		21.02.1995	18.02.2011			WO					X		PCT application entry and further legal events delivered by WIPO
DD	Germany (EX_GDR)	05.07.1992	18.12.2003	DD			X						Patents
		28.04.2004	28.04.2004	DD						X			In Force 2004 and Assignments

DE	Germany	05.01.1978	28.04.2011	DE			X	X	X	X	X		Patents
		17.05.2006	28.04.2011			WO					X		PCT appl. non-entering direct German phase
		01.01.1993	28.02.2011	DE								X	SPC
		01.01.1993	30.09.2010			WO					X		PCT application entry delivered by WIPO
DK	Denmark	01.01.1982	17.05.2010	DK	EP		X	X	X			X	Patents and Utility Models
EA	Eurasian Patent Organization	01.07.1996	28.02.2010				X	X		X			Patents and Utility Models

		18.04.2007	30.09.2010			WO					X		PCT application entry delivered by WIPO
EE	Estonia	15.12.2004	15.02.2011	EE			X						Patents (lapses and valid data end of year)
		01.01.2003	28.02.2011										
EG	Egypt	03.08.2008	28.02.2011			WO					X		PCT application entry delivered by WIPO
EP	European Patent Office	20.12.1978	27.04.2011		EP		X	X	X	X			Patents
		20.05.1987	31.03.2011		EP		X	X					Post grant information
ES	Spain	01.01.1992	24.01.2011	ES	EP		X	X		X			Patents and Utility Models
		01.01.1999	16.11.2007	ES								X	SPC
		30.05.1990	30.06.2010			WO					X		PCT appl. Entry into the national phase
		30.05.1990	28.06.2010			WO					X		PCT application entry delivered by

													WIPO
FI	Finland	04.01.1993	28.02.2011	FI			X	X		X		X	Patents
			23.04.2010			WO					X		PCT application entry delivered by WIPO
FR	France	28.11.1969	22.04.2011	FR	EP		X	X	X	X		X	Patents
GB	United Kingdom	03.01.1968	27.04.2011	GB	EP		X	X	X	X		X	Patents from internet journal
		01.04.1998	20.04.2011			WO					X		PCT appl. Entry into the national phase
		21.09.1989	31.01.2011			WO					X		PCT application entry delivered by WIPO
GE	Georgia	31.08.1998	31.03.2011			WO					X		PCT appl. entry into the national phase
		23.07.2007	18.01.2011			WO					X		PCT application entry delivered by WIPO

GR	Greece	01.01.1989	31.12.1997		EP								EP data entry into the national phase
HR	Croatia	22.04.2008	17.01.2011			WO					X		PCT application entry delivered by WIPO
HU	Hungary	28.06.1990	31.03.2011	HU			X	X		X		X	Patents
		03.11.2006	27.05.2010			WO					X		PCT application entry delivered by WIPO
HK	Hong Kong	15.12.2004	15.12.2004	HK									Corrections etc.
		01.02.2004	21.04.2011	HK	EP CN GB		X	X		X			Patents and Utility Models
IE	Ireland	13.01.1993	13.04.2011	IE	EP							X	Patent manual input
		13.01.1993	13.04.2011	IE	EP		X	X		X			Patents from internet journal
IL	Israel	31.03.1996	31.03.201	IL			X	X		X		X	Patents

			1										
			28.02.2011			WO					X		PCT application entry delivered by WIPO
IT	Italy	01.10.1989	20.11.2000	IT			X						Patents and Utility Models
		13.11.1992	30.11.2000	IT	EP							X	SPCs (medical)
		19.02.1997	04.10.2000	IT	EP							X	SPCs (herbicidal)
		30.01.1999	04.12.2001		EP								EPO translations
		27.10.1999	27.10.1999	IT									Fee payments
JP	Japan	01.09.1996	01.04.2011			WO					X		PCT appl. entry into the national phase
		01.09.1998	01.04.2011			WO					X		PCT appl. non-entry into the national phase
		01.01.2002	28.02.2011			WO					X		PCT application entry delivered by WIPO
KE	Kenya	11.12.1995	31.01.201			W					X		PCT appl. entry into

			1			O							the national phase
		07.01.2004	05.05.2006			WO					X		PCT application entry delivered by WIPO
KR	Republic of Korea	01.01.2000	31.12.2000			WO					X		PCT appl. entry into the national phase
		01.01.2000	31.12.2000			WO					X		PCT appl. non-entry into the national phase
		03.01.1997	13.04.2007			WO					X		PCT application entry delivered by WIPO
LT	Lithuania	25.05.1995	25.01.2010	LT									Patents
		25.05.2001	25.01.2010		EP		X						EP Invalidations
		04.07.2001	25.01.2010		EP		X						Up lapses
		01.07.1997	25.09.2009			WO					X		PCT appl. entry into the national phase
		12.04.1995	21.01.2009			WO					X		PCT application entry delivered by

													WIPO
LU	Luxemburg	09.01.1986	14.03.2011	LU	EP							X	SPCs
LV	Latvia	01.01.1998	30.07.2007			WO					X		PCT appl. entry into the national phase
		22.11.2005	10.06.2006			WO					X		PCT application entry delivered by WIPO
MC	Monaco	16.10.1972	23.07.1992	MC									Patents
MD	Moldavia	19.04.1994	15.06.1999	MD									
		01.06.2006	31.03.2011				X	X		X			utility models, patents
		10.01.2008	17.10.2008			WO					X		PCT application entry delivered by WIPO
MX	Mexico	21.12.2005	11.07.2006			WO					X		PCT application entry delivered by WIPO

MY	Malasya	09.03.2007	30.09.2010			WO							PCT application entry delivered by WIPO
NL	Netherlands	15.05.1973	01.04.2010	NL	EP		X		X	X			Patents
		25.04.1979	01.03.2010	NL	EP							X	SPCs and electronically not treatable patent data
NO	Norway	15.01.2001	26.04.2011	NO			X	X	X			X	Patents
NZ	New Zealand	29.06.2001	31.03.2011	NZ			X	X					Patents
		29.06.2001	31.03.2011	NZ						X			Assignments
		01.05.2001	31.05.2010			WO					X		PCT application entry delivered by WIPO
		29.06.2001	25.02.2011	NZ				X			X		Register Entries from Gazette
PH	Philippines	18.06.1990	31.07.1997	PH									Patents
		14.03.2002	19.12.2008			WO					X		PCT application entry delivered by

													WIPO
PL	Poland	22.12.2002	18.08.2010			WO					X		PCT application entry delivered by WIPO
		01.01.2007	31.03.2011				X						Patents from internet journal
PT	Portugal	20.03.1991	13.04.2011	PT			X	X	X	X			Patents and Utility Models
RO	Romania	01.01.2002	31.08.2010			WO					X		PCT appl. entry into the national phase
		17.12.2004	28.01.2008			WO					X		PCT application entry delivered by WIPO
		17.03.2006	17.12.2009		EP								EP patents valid in Romania
RU	Russia	03.01.2002	31.12.2010			WO					X		PCT appl. entry into the national phase
		24.03.2004	31.08.2010			WO					X		PCT application entry

													delivered by WIPO
		01.01.2005	20.04.2011	RU	SU		X	X		X			Patents and Utility Models
SE	Sweden	18.08.1985	07.07.2010			WO					X		PCT application entry delivered by WIPO
		31.01.1995	26.04.2011	SE	EP		X						Legal events from SE gazettes
SI	Slovenia	31.12.2004	31.03.2011	SI	EP		X			X			Patents
		01.01.2001	28.02.2007			WO					X		PCT appl. entry into the national phase
SK	Slovakia	01.01.1993	31.03.2011			WO					X		PCT appl. entry into the national phase
		10.09.2008	27.11.2008			WO					X		PCT application entry delivered by WIPO
		07.01.2011	31.03.2011				X			X		X	Patent, Utility Models, SPCs

TW	Taiwan	01.01.2000	24.03.2011	TW			X						Patents and Utility models
US	United States	02.01.1968	26.04.2011	US			X	X					Patents; data from internet journal
		02.01.1968	19.04.2011	US					X				Re-examinations and Errata
		01.02.1982	30.07.2010	US						X			US Assigns
		08.07.2003	17.02.2011	US								X	US Time extensions
		01.01.1981	14.02.2011	US			X	X					US-Fee payments
		23.03.1993	30.09.2008			WO					X		PCT appl. entry into the national phase
		14.07.1992	17.12.2010			WO					X		PCT application entry delivered by WIPO
UZ	Uzbekistan	02-01-2001	30.06.2006			WO					X		PCT appl. entry into the national phase

WO	WIPO (P.C.T.)	21.09.1978	21.04.2011			WO	X						PCT Applications, electronic input
ZA	South Africa	21.12.1999	07.02.2008			WO					X		PCT application entry delivered by WIPO

3. SEARCH

1. MetaSearch BASIC

- Keyword Search
- NumberSearch
- IPC Classes
- Truncations
- Phrases

2. MetaSearch ADVANCED

- Search Mask
- Field Abbreviation Wizard
- Keyword Wizard
- Input Help
- Databases

3. Search in a single patent source

DEPATISNET
- DPMA Ikofax
- DPMA Expert

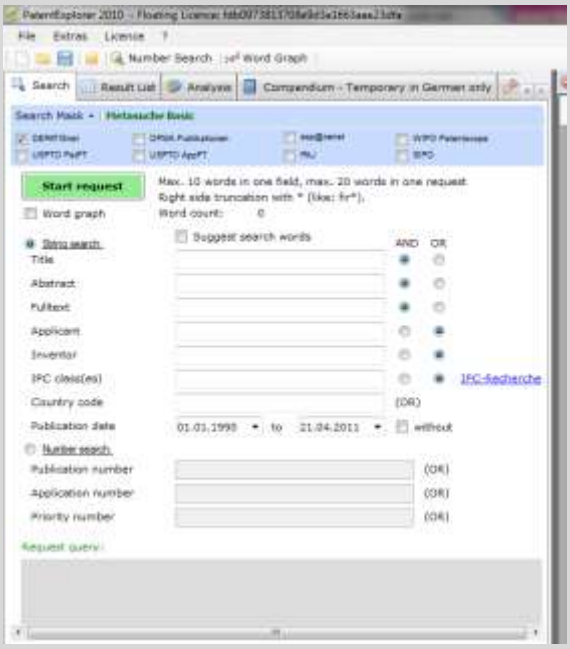
Espacenet
- Smart Search

USPTO
- USPatFT
- USAppFT

4. Search strategy

Structure
Protocol contents
Search Protocol contents
Context Menu

MetaSearch BASIC



View MetaSearch BASIC MASK

Is a user-friendly search mask where you can combine different fields together and search in multiple sources. For the search you can choose

Keyword Search

Keyword search are performed at your choice in the following fields:

Title, title/abstract, full text, applicant, inventor, IPC-Class, country code .Enter in each field you enter a maximum of 10 keywords and/or a maximum of 20 keywords per request.

On the right-hand side of each field you have the option to nest the different fields with AND or the OR operator. The publication date range can be excluded from the search

Number Search

In the Number Search you can search by Publication, Application or Priority Number

IPC Classes

Please mind peculiarities in entering the IPC Class in the corresponding box.

Not possible

A01B 1/00 -> the space in between the character and the letter is not recognized

Possible

"A01B 1/00" -> the IPC code is recognized when entered as a phrase – use the „ „

"A01B 1/*" -> Use truncation to include all the sublevels of a specific classification

Truncation

You can use in all fields **right truncation** by using the symbol ***** at the end of any keyword.

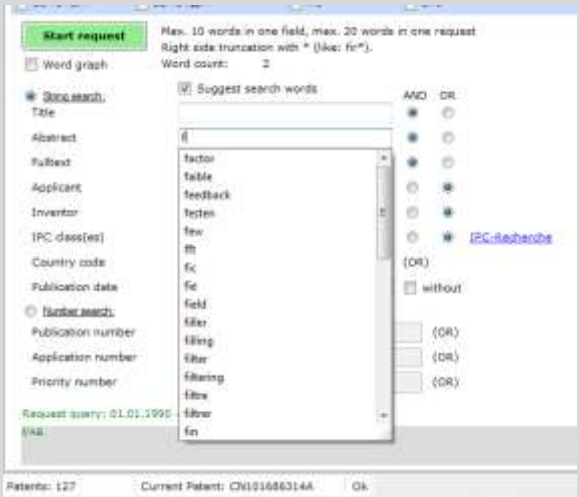
Phrases

If searching i.e. an inventor with name and surname as a phrase use quotations marks as indicated in the example hereby "**John Miller"**

In this mode you cannot use any commas and logic operators. You can only use the right truncation symbol * or special characters as the **quotation marks** as indicated above .

Suggest keyword

If the option: Extra **->Option -> Search Patent Data -> Suggest words is** active a dictionary with alternate keywords and synonyms will be displayed either while loading an XPDO file or while performing a search.



Hereby you can obtain suggestions for complementary keywords or synonyms you can add to enrich your search strategy in all the different fields. If the corresponding field is empty the suggested term will be depending on the first letter entered in this field as shown in the example here above.

The Thesaurus Wizard feature is available for the following fields:

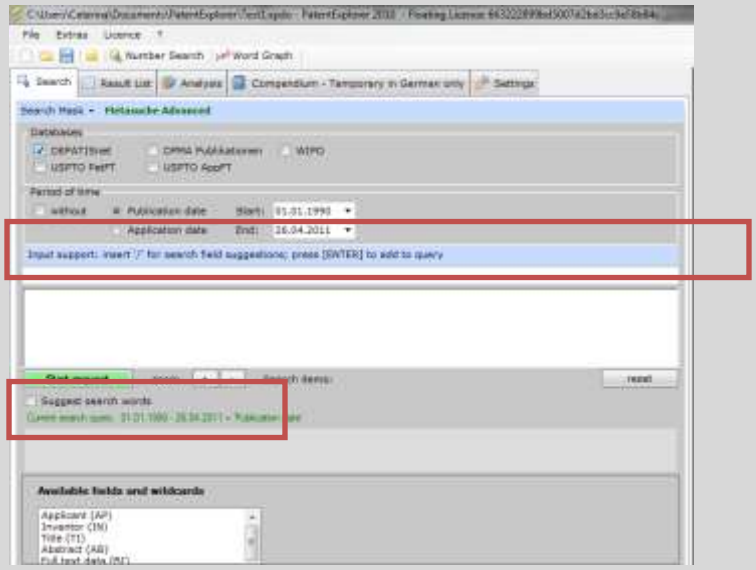
- Suggestions for general key words: Title, title/abstract, patent full text.
- Suggestions for applicants in the applicant field
- Suggestions for IPC Classes in the IPC –Class/es field

Databases (Content available to search in the MetaSearch BASIC) for more information see in

2.DATABASE SOURCE

- DEPATISnet GermanPatent and Trademark Office
- Espacenet European Patent Office
- USPTO PatFT& APP United States Patent Office
- WIPO Patentscope World International Patent Office
- SIPO Chinese Patent Office
- PAJ Patent Abstract from Japan

MetaSearch ADVANCED



View MetaSearch Advanced Mask

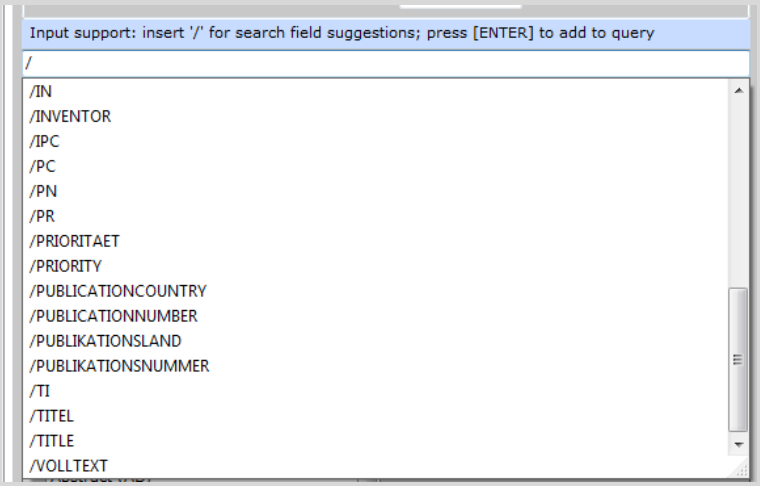
In the Advanced search mode you can build a complex search strategy, independently from the fields you want to search on.

Search Mask

Search by Date: You can select the date range limitation you want to search within by selecting the start and end date. By default the suggested range will be of 20 years. You can select either to search for publication data or application data ranges just by checking/unchecking the selected criteria. You can also search without data range limitations.

Field Abbreviation Wizard

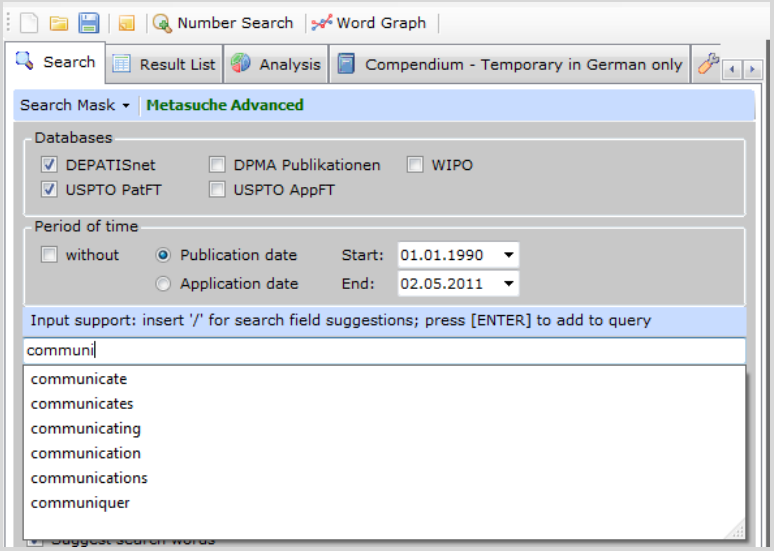
This window supports the search query construction in English as well as in German. By entering this symbol / the system will automatically suggest the different fields you can enter in your query based on the preselected Source



Thesaurus Wizard

If you want to refine a previous search statement/previous search strategy you saved in XPDO with additional keywords check in the search mask the option suggest a search word has been checked the system will automatically provide alternate keywords you can enter in your search strategy if you are performing a search subsequent to a one with a prior data set .

Mind: You will have to activate prior to the request the corresponding feature.in the Menu bar: **Extra ->Option -> Search Patent Data -> Suggest words**



Input help

Above the search box you can find all the different fields and wildcards (truncations) available in the Advanced Meta search. By the selecting the field from the dropdown list you can add the corresponding filed to your search strategy automatically. Use the same truncations and logical operators, parentheses to nest the search strategy as for Meta search basic .

Databases

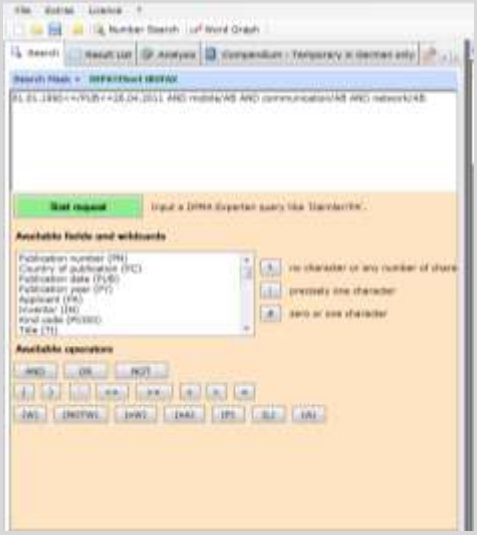
You can search in the following sources using the Metasearch Advanced Mode

- DEPATISnet
- USPTO PatFT
- USPTO AppFT
- WIPO Patentscope

2. Search a single patent source

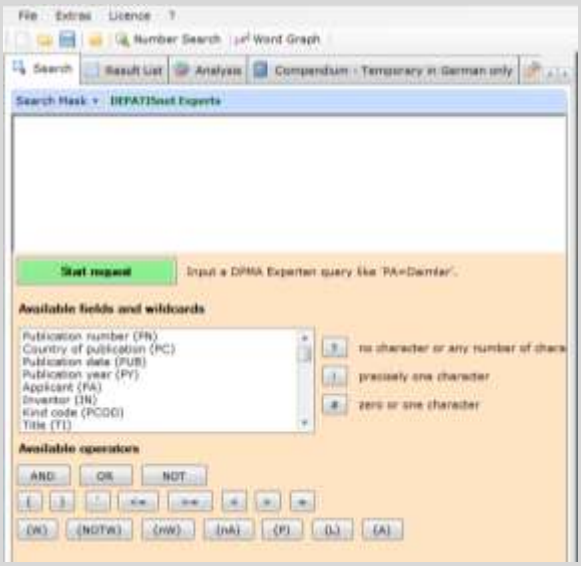
DEPATISnet

DPMA Ikofax


IKOFAX Search Mask

The DEPATISnet IKOFAX-Search mask consists of one search box where you can build your search strategy with the input support of different search fields and nesting operators. The IKOFAX-search mask enables you to choose among 45 different patent fields to build a complex patent search. All search fields, truncations and proximity operators available from the dropdown menu and in the search mask and can be easily selected and inserted in the search box to construct the query.

DPMA Expert Mask



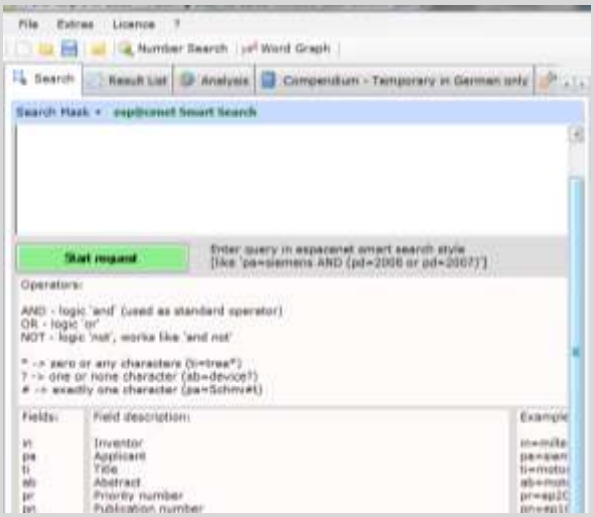
Search Mask – for experts consists of a search box where you can enter you query with Boolean and proximity operator and search fields corresponding to the one available in the DEPATIS collection.

The expert modus offers besides the right truncation, additional truncations for **one character only** and for one or no character.

The search query formulated in the DEPATIS Expert mode will be sent and translated automatically by Patent*Explorer* in the IKOFAX-syntax

Espacenet

Smart Search



Search Mask Smart Search in Patent*Explorer*

The EPO-SmartSearch Mask enables you to is, as described in the EPO manual, you to enter either in Patent*Explorer* simple single-word or multi-word searches, or more complex search commands Search terms. For example, you can search for patent documents from a particular year and country that have specific words in their title or abstract. For more experienced users, SmartSearch also accepts command line searches. The query language that SmartSearch understands is CQL (Contextual Query Language).

SmartSearch operators

Operator	Description	Example
Boolean operators		
AND, OR, NOT	The default operator is AND. Left has precedence over right. No operator has precedence by default.	(ta=seat AND ta=belt) or (ta=seatbelt)
Truncation		
?	One or no wildcard characters.	telephone? (for telephone or telephones)
#	One wildcard character.	telephone# (for telephones)
*	Any number of wildcard characters.	play* (for play, plays, player, playback, etc)
Proximity operators		
prox/distance<x	Finds words within x words of each other.	mouse prox/distance<3 trap
prox/unit=sentence	Finds words within a sentence.	mouse prox/unit=sentence trap
prox/unit=paragraph	Finds words within a paragraph.	mouse prox/unit=paragraph trap
prox/ordered	Finds words in a given order.	ia=Apple prox/ordered ia=Corp The system will retrieve documents having "Apple Corp" but not "Corp Apple".
Comparison operators		
=	Equal to.	pa=siemens
==	Exactly equal to (in the order shown).	ia=="Mason Henry"
all	Finds all terms (no particular order).	ti all "paint brush hair"
any	Finds any of the terms entered.	ti any "motor engine"
within	Within a date range.	pd within "2005 2006" or pd within "2005, 2006"
>=	Greater than or equal to, i.e. on or after a certain date.	pd >=2005 will retrieve documents published in 2005 or later.
<=	Less than or equal to, i.e. on or before a certain date.	pd <=2005 will retrieve documents published in 2005 or earlier.

In comparison to the MetaSearch in Patent*Explorer*, you dispose, apart from the Boolean operators, of much more powerful search operators and connectors to perform an expert search:

Operator	Description	Example
Boolean operators		
AND, OR, NOT	The default operator is AND. Left has precedence over right. No operator has precedence by default.	(ta=seat AND ta=belt) or (ta=seatbelt)
Truncation		
?	One or no wildcard characters.	telephone? (for telephone or telephones)
#	One wildcard character.	telephone# (for telephones)
*	Any number of wildcard characters.	play* (for play, plays, player, playback, etc)
Proximity operators		
prox/distance<x	Finds words within x words of each other.	mouse prox/distance<3 trap
prox/unit=sentence	Finds words within a sentence.	mouse prox/unit=sentence trap
prox/unit=paragraph	Finds words within a paragraph.	mouse prox/unit=paragraph trap
prox/ordered	Finds words in a given order.	ia=Apple prox/ordered ia=Corp The system will retrieve

Comparison operators		
=	Equal to.	pa=siemens
==	Exactly equal to (in the order shown).	ia=="Mason Henry"
all	Finds all terms (no particular order).	ti all "paint brush hair"
any	Finds any of the terms entered.	ti any "motor engine"
within	Within a date range.	pd within "2005 2006" or pd within "2005, 2006"
>=	Greater than or equal to, i.e. on or after a certain date.	pd >=2005 will retrieve documents published in 2005 or later.
<=	Less than or equal to, i.e. on or before a certain date.	pd <=2005 will retrieve documents published in 2005 or earler.

Source: EPO Espacenet manual
http://documents.epo.org/projects/babylon/eponet.nsf/0/4E8744EB66E8F944C12577D600598EEF/$File/espacenet_brochure_en.pdf

USPTO

USPTO Pat FT

Search Mask PatFT Advanced in Patent*Explorer*

USPatFT Search Mask – for experts consist of a search box, where you can enter you query with Boolean, proximity operators and search fields to construct your search. You can only use right hand truncation in the single search mask.

USPTO Patent Full-text contents and coverage

The database consists includes information about all US patents (including **utility, design, reissue, plant patents and SIR documents**) from the first patent issued in 1790 to the most recent issue week.

Note the following patents available:

UTILITY	5,146,634 6923014 0000001
DESIGN	D339,456 D321987 D000152
PLANT	PP08,901 PP07514 PP00003
REISSUE	RE35,312 RE12345 RE00007
DEFENSIVE PUBLICATION	T109,201 T855019 T100001
STATUTORY INVENTION REGISTRATION	H001,523 H001234 H000001
RE-EXAMINATION	RX12
ADDITIONAL IMPROVEMENT	AI00,002 AI000318 AI00007

Patents from **January 1976 to the present** offer the full searchable text, including all bibliographic data, such as the inventor's name, the patent's title, and the assignee's name; the abstract; the full description of the invention; and the claims. The display of each patent's full-text includes a hyperlink to obtain full-page images of each page of the patent. Information from Certificates of Correction and Reexaminations is not included in the full-text database per se, but can be found as full-page images appended to the full-page images of the original patent.

Patents from **1790 to December 1975** offer only the patent number, issue date, and current US patent classification in the text display, and can be searched only within those fields. However, this limited text display also includes a hyperlink to obtain full-page images of all pages of the patent.

If you require more information and help about the USPTO syntax, tips and tricks, please refer to the following link http://www.uspto.gov/patft/help/helpadv.htm

USPTO App FT

Search Mask AppFT Advanced

The USPTO AppFT Search Mask – for experts consist of a search box where you can enter you query with Boolean, proximity operators and search fields to construct your search.

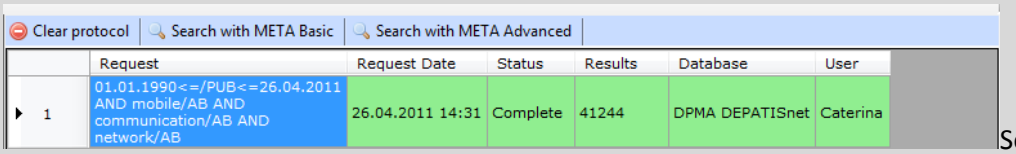
You can only use right hand truncation in the single search mask.

* Please refer to the information given in the section USPatFT for all other information.

3. Search Strategy

All the search strategies built and executed within Patent*Explorer* are stored in form of search protocol. The protocol is a XML proprietor IPRSystems format -**XPDO** -you can store on your hard disk and available at your convenience

Structure

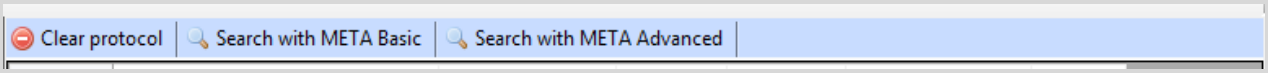


Search Protocol

Protocol contents

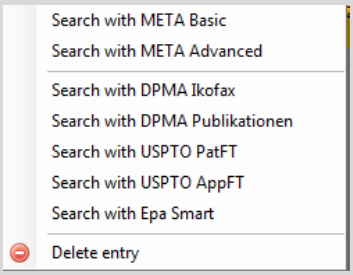
REQUEST	:	Contains the search strategy sent to the different internet sources.
REQUEST DATE	:	Shows the date the search has been executed
STATUS	:	Contains information on the request of the search in progress
RESULTS	:	Shows the total number of results found in this specific search not the number of documents downloaded
DATABASE	:	The source of information where the results have been retrieved
USER	:	Name of the user who has been performing the search

Toolbar Legend



Clear Protocol : Clears all the contents of search strategies definitively

Context Menu (right mouse click in the Search Protocol)



Context Menu in the Protocol

Search with META Advanced	:	Transfers the request to Meta Advanced Search Mask
Search with DPMA (IKOFAX)	:	Transfers the request to IKOfax Search Mask.
Search with USPTO PatFT	:	Transfers the request to USPTO PatFTO Search Mask
Search with USPTO AppFT	:	Transfers the request to USPTO AppFT Search .Mask
Search with EPO Smart	:	Transfers the request to EPO Smart Search.
Delete Entry	:	Deletes the selected search query irrevocably.

4. RESULT LIST

1. Hit –List

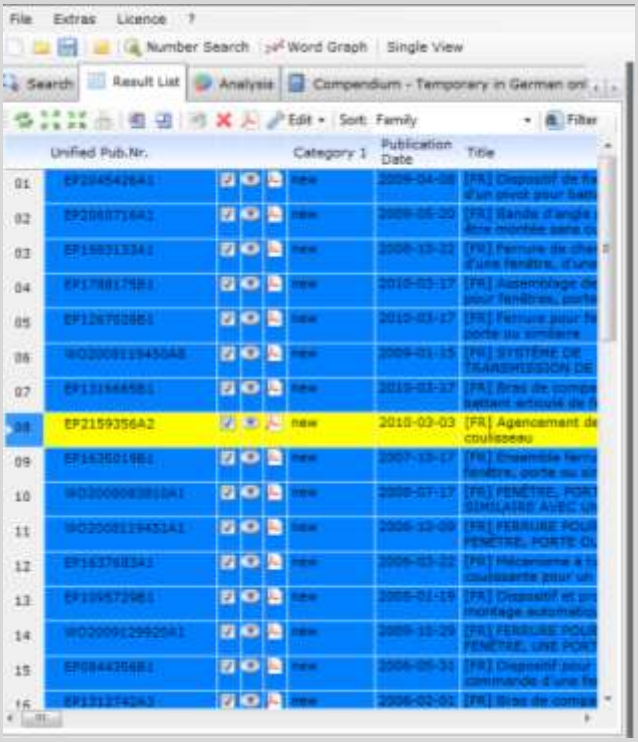
- Set up options
- Working with the Hit-list
- About Patent Numbers and Patent*Explorer* standardization
- Features of the Option Toolbar
- Contextual Menu

2. Single Patent Display

- Display details of a single patent document from the Hit-List
  - Single document display options
  - How to display the needed information for a single document
  - Format display options
- Option bar Single View
- Toolbar
- Contextual Menu
- Quick Bar Workflow
- Complementary information

Hit-List

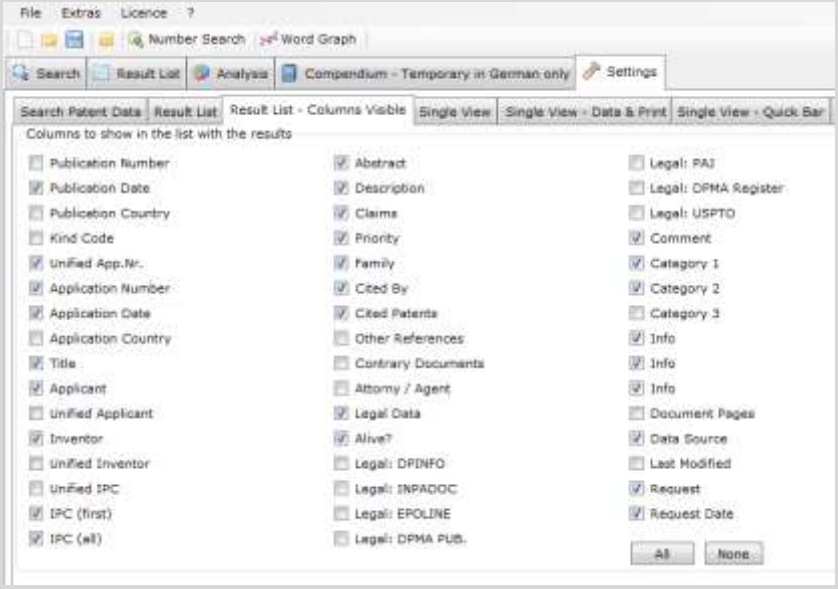
After performing a **Meta Search** or a **Single Patent Source Search** the retrieved information is displayed in a Hit-list. The document you will select will be displayed also in single view.



Set- up options

The Hit-List is a fully customizable tabular overview of the results obtained from a search query.

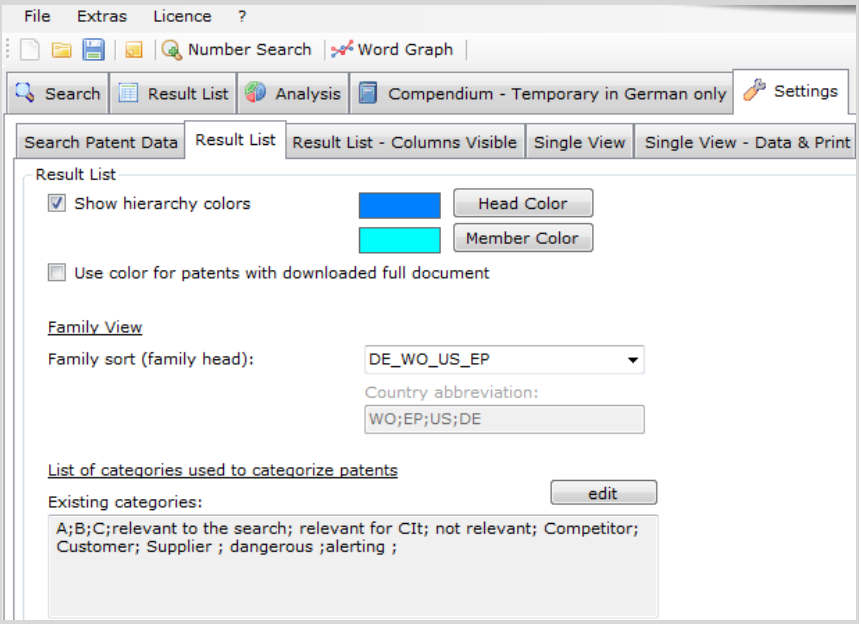
You can set up the fields to be displayed simply by selecting in the **Patent*Explorer*.** Menu **: Extra ->Option and select the tab : Result List ->Columns visible** to have full access any time to the selection of different fields you can display from the patent document in the Hit –list.



In addition to that you can also add customized fields as **Comments, Category and Info.** These are customizable fields that can be added after the first view of the document.

By selecting in the **Patent*Explorer* Menu: Extra ->Option and the tab: Result List** you can also change the hierarchy colors in Hit-List in order to differentiate in btw. **Head** (**depending on the sort criteria)** and the other members

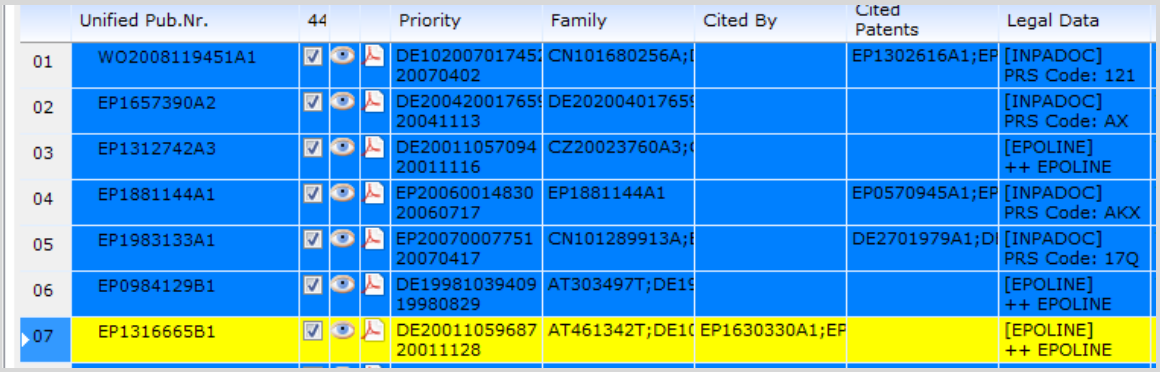
You can also establish which is your preferred Patent Family Head (**First Member** of the patent family) you want to display in your Hit-list among different combinations available from the dropdown menu



And you can establish and edit customized categories to attribute to a single patent document or to a selection of records.

Your selection will be stored as preference in Patent*Explore*r until reset.

The Hit -list will be numbered and contain the selection of fields you have been setting in the options.



	Unified Pub.Nr.	44	Priority	Family	Cited By	Cited Patents	Legal Data
01	WO2008119451A1		DE10200701745 20070402	CN101680256A;		EP1302616A1;EP	[INPADOC] PRS Code: 121
02	EP1657390A2		DE20042001765 20041113	DE20200401765			[INPADOC] PRS Code: AX
03	EP1312742A3		DE20011057094 20011116	CZ20023760A3;			[EPOLINE] ++ EPOLINE
04	EP1881144A1		EP20060014830 20060717	EP1881144A1		EP0570945A1;EP	[INPADOC] PRS Code: AKX
05	EP1983133A1		EP20070007751 20070417	CN101289913A;		DE2701979A1;DI	[INPADOC] PRS Code: 17Q
06	EP0984129B1		DE19981039409 19980829	AT303497T;DE19			[EPOLINE] ++ EPOLINE
07	EP1316665B1		DE20011059687 20011128	AT461342T;DE1	EP1630330A1;EP		[EPOLINE] ++ EPOLINE

Working with the Hit-list

Every document in the Hit-list is numbered and has the 3 indicators which will depend

1. Checkbox to select or deselect a document for export or document completion operations

2. An indicator which tells you if you have been already viewing the document or you still need to view it

3. An indicator to let you know if the PDF of the corresponding document has been

UPDATE:	You can update the complete Hit –list. You can remove documents or add information to the Hitlist or corresponding documents you checked.
EXPAND:	Will expand the view of the patent documents in the Hit-list and enable you to see all the other corresponding patent family members (InPaDoc) as well as the related patent publications stages if available. **Remark:** This option will work only if you have been previously requested patent-family information.
COLLAPSE:	Collapses all other patent family member and/or patent publications stages belonging to a single patent document in the Hit list.
CHECK ALL:	This option will enable you to check in one click all the patent documents also the one collapsed the check box next to the patent will be checked. Mind that you will have to click on the Update button to see the action executed.
UNCHECK- ALL:	Will uncheck in one click all the patent documents selected – this will be visible in the Hit-list as all documents will be unchecked.
ERASED-CHECKED PATENTS:	This function will enable you to erase checked patents from the Hit-list with one action.

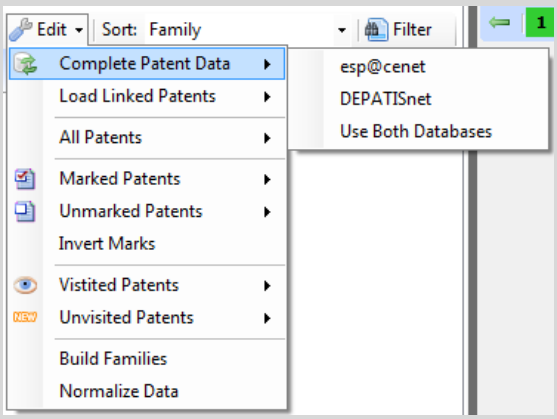
About Patent Numbers and Patent Examiner standardization

Every publication number in Patent*Explorer* has been standardized (unified) so that although you have been searching in different online sources patent information you can be sure that you'll view only once a patent document representing the same invention.

Features of the Action Toolbar

MIND: Erasing the one patent representative will erase all the equivalent patent members belonging to the same patent family.

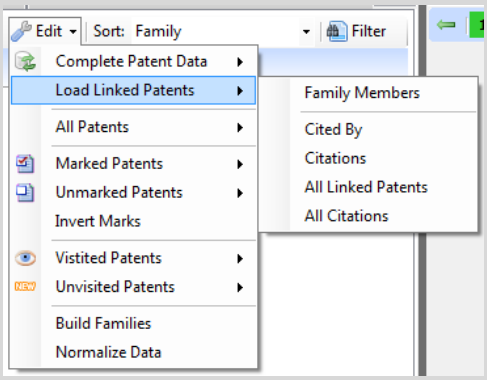
PDF BULK DOWNLOAD:	This function will enable the download the corresponding PDF see **Download manager** of all the checked patents in the Hit-list in one go if the PDF is not already appearing as corresponding icon in the Hit-list.
Edit **EDIT:**	Clicking on this button will open a dropdown Menu to enable you additional functionalities from the Hit-List:



Edit –>Complete Data

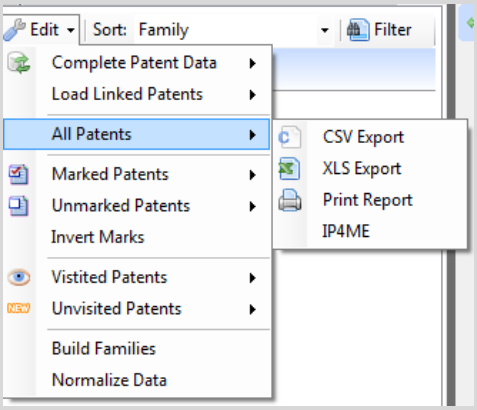
This action will enable you to complete the bibliographic contents of the checked patents provided in the Hit-List with Full text information. MIND: if this available from two different online sources.

1. Espacenet- (with controlled options)
2. DEPATISnet- (incl. patent information)
3. Espacenet-and DEPATISnet



Edit -> Load Linked Patents: This option enables to verify the presence of citations and of corresponding patent family members for those patents which have been checked in the Hit-list and to complete the patent document with the related data .Following are the options available.

1. (Patent) Family equivalents
2. Cited Patents (Cited by)
3. Citing References (Citations)
4. All Linked Patents (All cited and citing references and all corresponding patent family members)
5. All Citations (citing and cited references)



Edit ->All Patents: You can post process the results in the following formats

- CSV-Export :Comma , separated
- XLS Export:
- Print Report :
- IP4ME : txt. format

Edit ->Marked Patents / Edit ->Unmarked Patents

Edit ->Viewed Patents / Edit New Patents (Visited and Unvisited)

Depending on your workflow you can perform with the Selected or Unselected (Marked or Unmarked) patents the following actions:

Save: The Marked or Unmarked Patents as XPDO format

Export: as CSV or XLS file

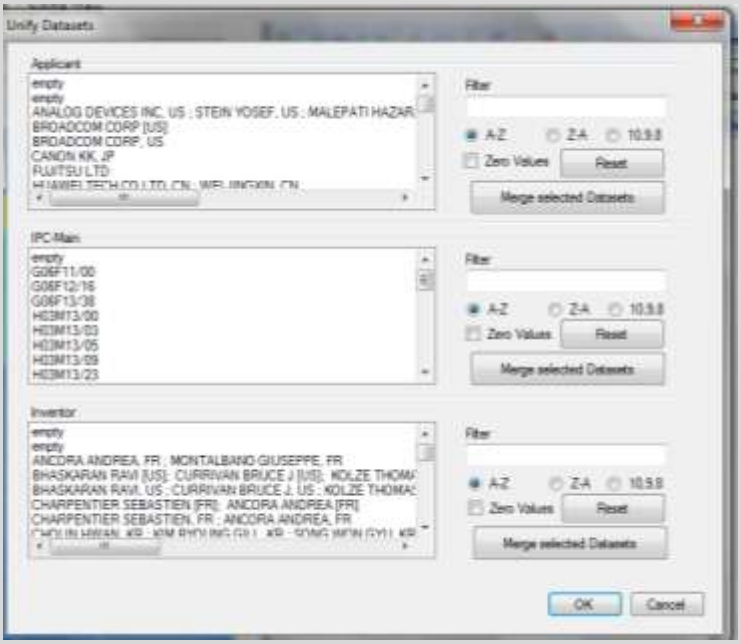
Delete the records

Print Report: With the Marked or Unmarked Patents

Edit ->Invert Marks; will uncheck the checked patents and check the unchecked patents inverting the marks.

Edit ->Build Families; will gather for the checked patent records in the Hit-list the equivalent patent family members. NB The document provided already in the Hit-List has all stages of publications.

Edit ->Normalize Data –Unify Data Set



This unique feature enables you to normalize in-house the patent data obtained from one or different data sets.

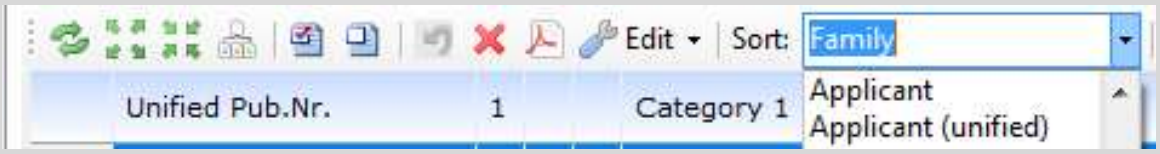
You can normalize 3 types of information:

- Patent Assignee
- IPC-Classification
- Inventor

Select with the CTRL ALT the data you want to normalize as having different spelling and click after deciding the Merging Value Name on Ok to confirm

To undo and unmerge the data click on the Reset button on the right hand -side.

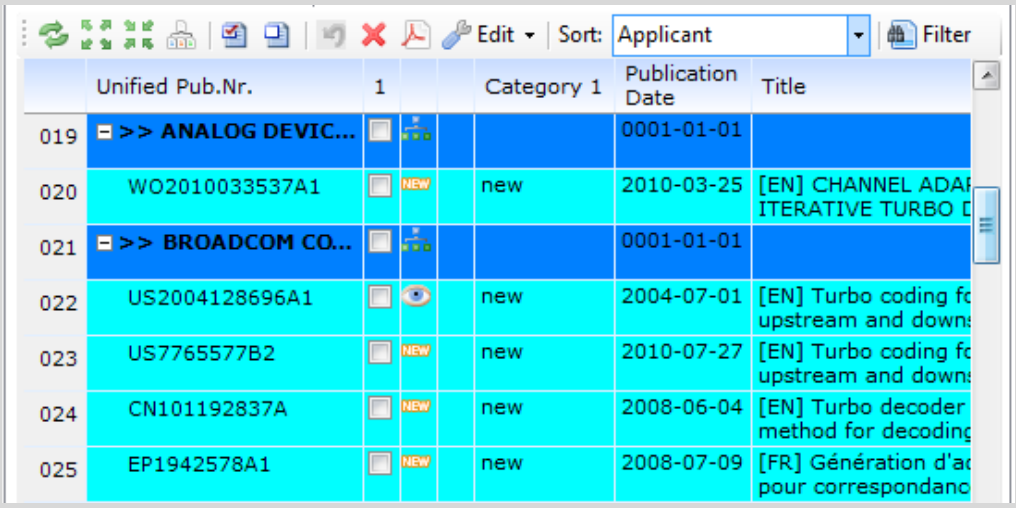
By entering in the Filter Option Box provided any inventor or applicant name or any classification appearing on the right-hand side list you can filter out the rest of the records contained in the dataset and work only on this specific selection to clean manually the data and add value .



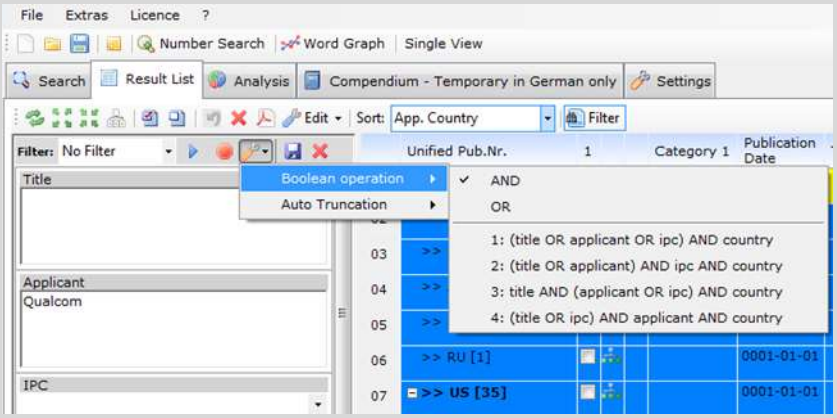
SORT:

You can sort the list of results by:

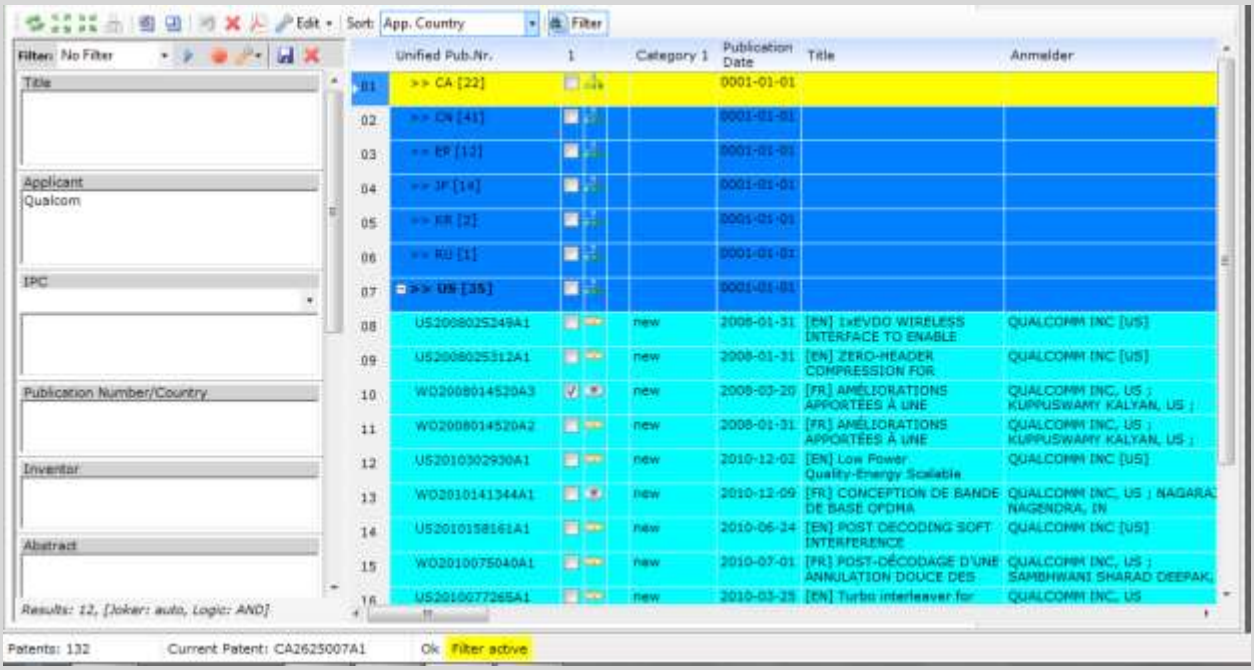
1. Any field indicator provided in the patent document
2. Internal categories you have been attributing to the documents in your corporate workflow.
3. Presence of some information as PDF of Viewed / Not Viewed document etc.



FILTER:	With the Filter Option you can search in the set of records containing specific key words using Boolean logic in between the different fields to refine the result set and to view only the one containing the relevant information

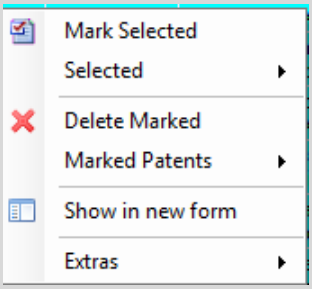


- Click on **Filter** and a Menu on the right hand side will appear.
- **Enter** in the appropriate box the search criteria you want to retrieve and use the button to apply Boolean operators' logic or auto truncation to the search query.
- To **delete** the current filter and return to the initial dataset click on .

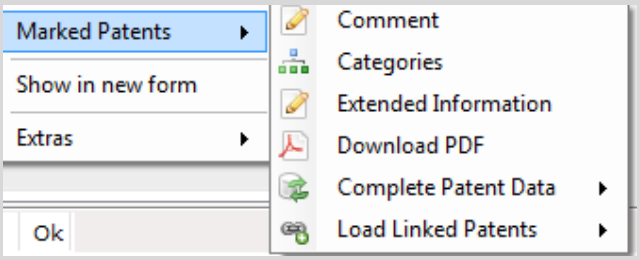


Contextual Menu

Besides the option to use the toolbar menu to work with patent documents from the Hit-List, you can by a right click on the mouse you can perform a task one or a group of patents

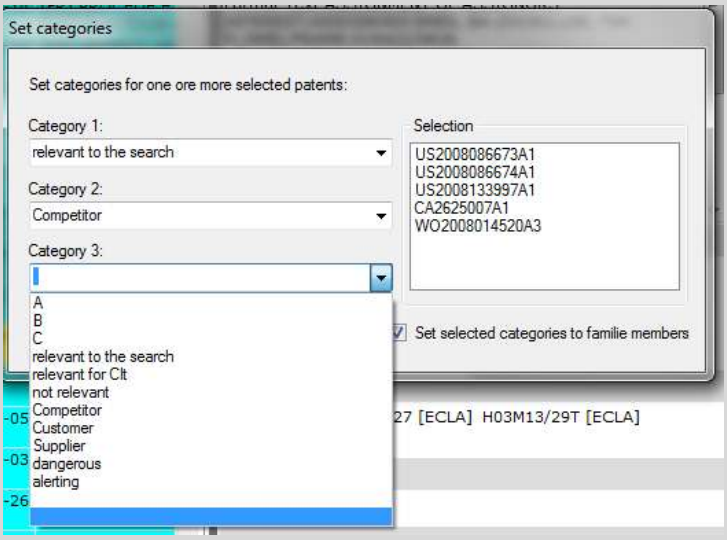


MARK SELECTED:	Will check the patent/s you have been selecting
SELECTED:	You can select groups of patents which carry in the hit list a given icon as i.e. Viewed or Unviewed.
DELETE MARKED:	Will delete the checked patents

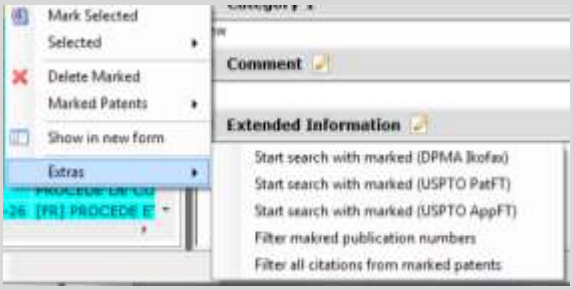


Select the type of action you want to perform and click on the corresponding icon.

COMMENT AND EXTENDED INFORMATION	will enable you to store free text information for the patent or the set of patent selected.
CATEGORIES	will enable you to attribute already customized categories to ta selected group of patent documents as shown here.



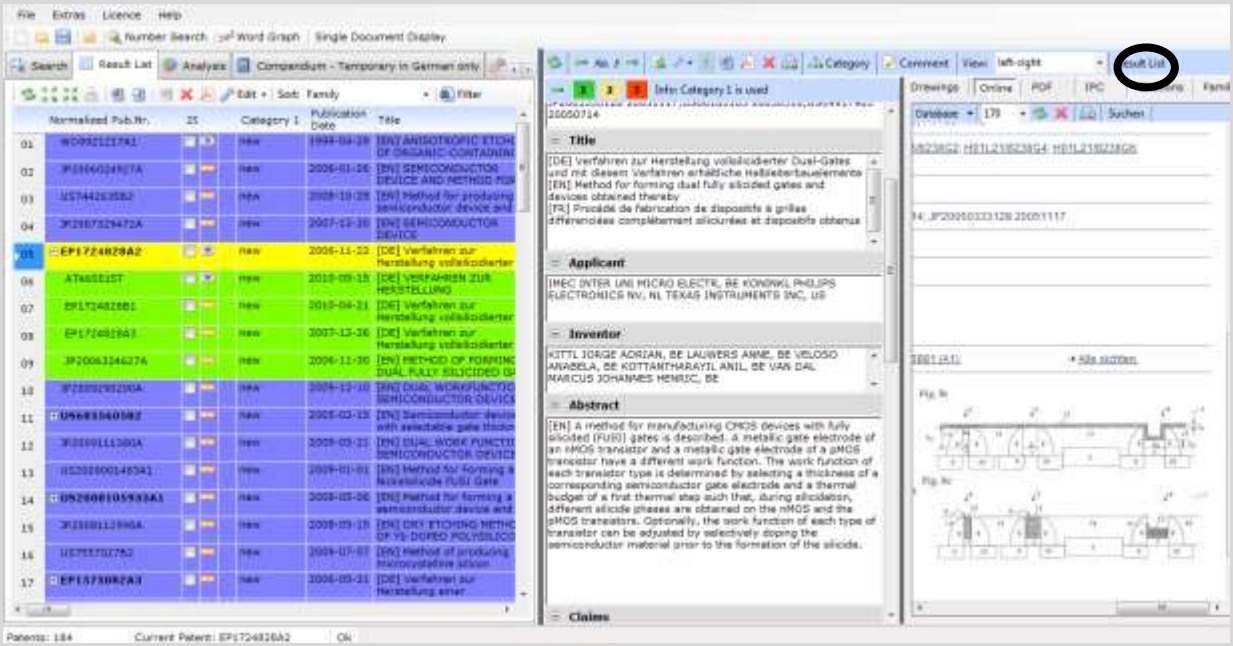
EXTRAS:	Will enable you to search for selected or marked patents in different online sites or to filter the selected patent numbers or citations out of the result list.


Mark Selected
Selected
Delete Marked
Marked Patents
Show in new form
Extras
Comment
Extended Information
Start search with marked (DPMA Ikofax)
Start search with marked (USPTO PatFT)
Start search with marked (USPTO AppFT)
Filter makred publication numbers
Filter all citations from marked patents

2. Single Patent Display

How to display details from a single patent document from the Hit List

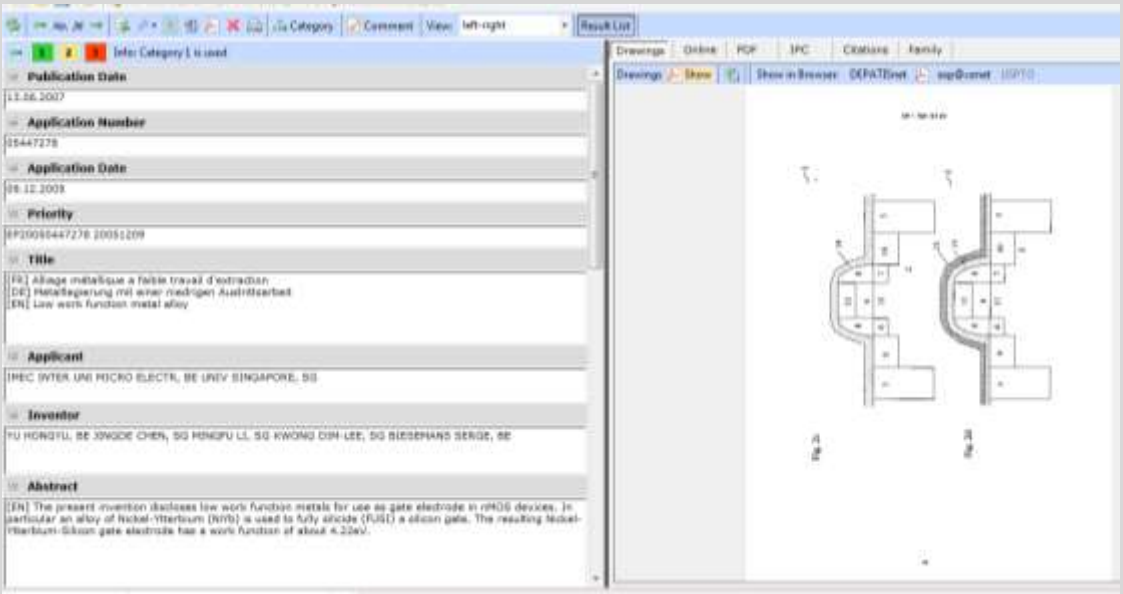
Choose from the Hit List on the left hand side the document that you want to display in a single document view this will be marked in a different color than the rest of the list. Patent drawing will be present depending on source availability.



On your right hand side you will be seeing the text of the selected document as well as you will having several option on the left hand side window to view the drawing mosaic or the PDF with different and flexible Display options side by side

Single Document Display Options

To hide the result list click on the button **Result List** on the left hand side of the screen and you will be able to work with the single document.



The single document view consists of two windows: On the left hand side all the different fields of the patent are displayed you can by clicking on the different buttons next to the field collapse or expand the field and see the information

After completing from the Hit-list the patent documents with the needed information as described earlier you can display the corresponding patent information to one specific publication with all the selected fields.

You can display three different types of fields:

1. Text fields patent related as title claims etc. or added information as comments and annotations
2. Hypertext linked fields (i.e. patent family information or IPC Classification ...)
3. Fields containing drawings or the front page image

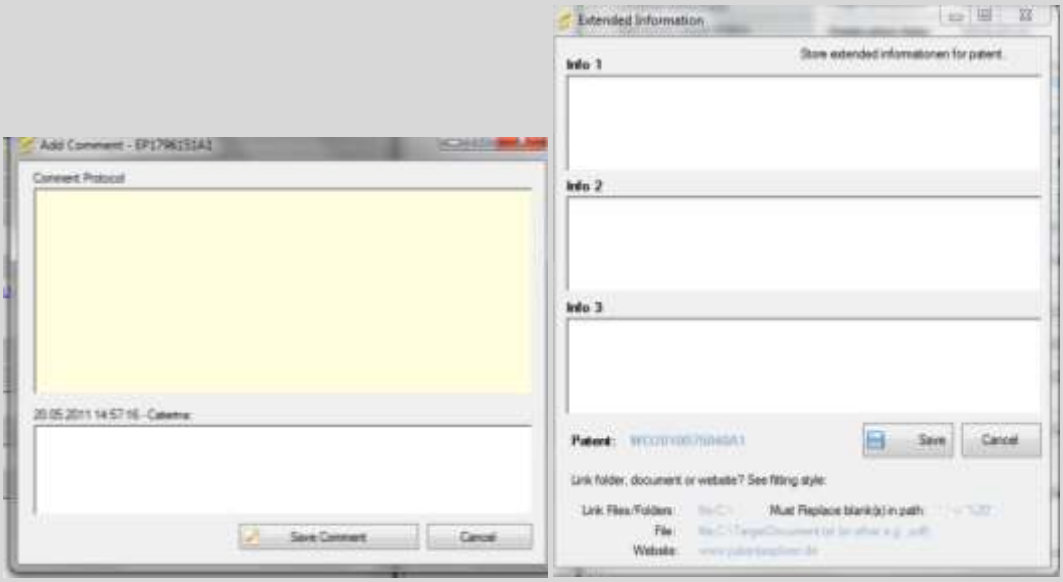
Each field can be expanded or collapsed by clicking on the button next to the corresponding field .In the hypertext linked fields you will obtain also i.e. the count of the corresponding patent family members, or the number of IPC classes attributed to the document in addition to the patent information

If a field containing TEXT is collapsed abridged information is displayed next to the field name.

For fields containing LABELS /LINKS the quantity will be displayed numerically i.e. family (5) for 5 patent family members

Comments and Extended information

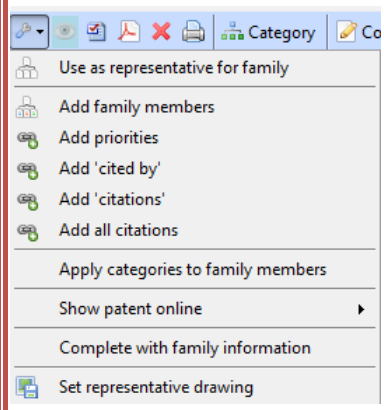
The fields of my comment and extended information in the gray bar show a button that will be opening a window that if clicked enables you to display the minutes of the previous comments and add adding a personal comment containing the users name as shown here below.



Option bar Single View

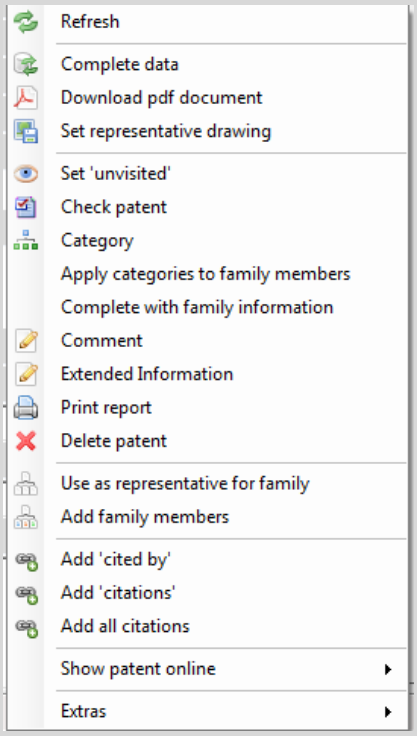
Each button of the toolbar fulfills different actions in the Single document Patent View

	Reloads and refreshes the contents of the Single document patent view
No. 1	Browse document by document the Hit List. *No. 1* -> Shows the document you are viewing and the position in the Hit-list
	Starts the download to complete the corresponding contents you set up in the Options from DEPATISnet and the European Patent Office for the document you are browsing

	**EDIT OPTIONS ON A SINGLE DOCUMENT** 1. **Use a fix family head** - The Patent family member viewed will be always in all subsequent views the one displayed as the representative 2. **Add family members** - If the selected patent has not been completed by actions in the Hit-list, here you can complete the patent family only for those documents relevant to your search on a one by one mode. 3. **Add Priorities** – Loads the priorities for the given document 4. **Add ‚cited by'**–Loads the cited patents to the given document 5. **Add citations** - Loads the citations of the given Patent number in the **Hit-list** 6. **Add all citations** -Loads cited and citing references for the given patent in the Hitlist 7. **Apply categories to family members** –Will execute all the actions enumerated in the menu (ensure first that the patent family member number have been downloaded) 8. **Show patent online** – Displays the chosen patent document online 9. **Complete with family Data** - Will search for the corresponding patent family members of the given document, if this action was not already not executed in result list 11. **Sets representative patent drawing** -Stores the chosen drawing as being the representative one in the (Windows) clipboard
 	Indicates that the patent has not been viewed Indicates that the patent has been already viewed
	Will check / uncheck the patent in the Hit-list
	Starts to download the Original document as PDF for the corresponding document in the single view
	Erases the patent from the Hit-list

	Prints out the Report Format for the given patent
Category	Opens the window to set up categories for the given patent
Comment	Opens the comment window
View: left-right	Changes the display of the Single Document
Result List	Displays/Hides the Hit-list (Result List) View

Contextual Menu from the Single View (Right Click on the mouse)



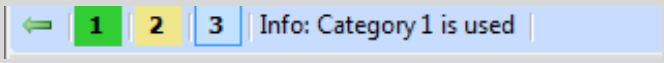
Contextual Menu

Contextual Menu Legend

	Reloads and refreshes the contents of the Single document patent view
	Starts the download to complete the corresponding contents from the document you are browsing using DEPATISnet and the Espacenet
	Starts to download the Original document as PDF for the corresponding document in the single view
	.Stores the chosen drawing as being the representative one in the (Windows) clipboard
	Controls the Status of the document Viewed /not Viewed
	Selects /Deselects the document from the Hit-List
	Opens the window to set up categories for the given patent
	Complete with Family information :updates and completes the document if equivalent patent family members are available
	Comment enables you to set annotations to the patent document you are reviewing **Extended information** enables you to set annotations to the patent document you are reviewing
	Prints the selected document report
	Erases the patent from the Hit-list
	Use a fix family head :Establishes, independently from the priority the patent family member you want to use as representative
	Load all corresponding patent family members for this patent document
	Add cited by :Load citing patents to the Hit-List

	Add citations Load cited patents to the Hit List
	Add all citations : Load cited and citing patents to the Hit list
	Show patents online : Will connect you to Espacenet ,EPOLINE Register,USPTO or Google to view the patent information or Legal Status information from the EPO Register online
	Extras Use IPC for an IKOFax Search – Will use the IPC Classifications contained in the patent document and automatically start off a search

Workflow Quick Bar from the Single View



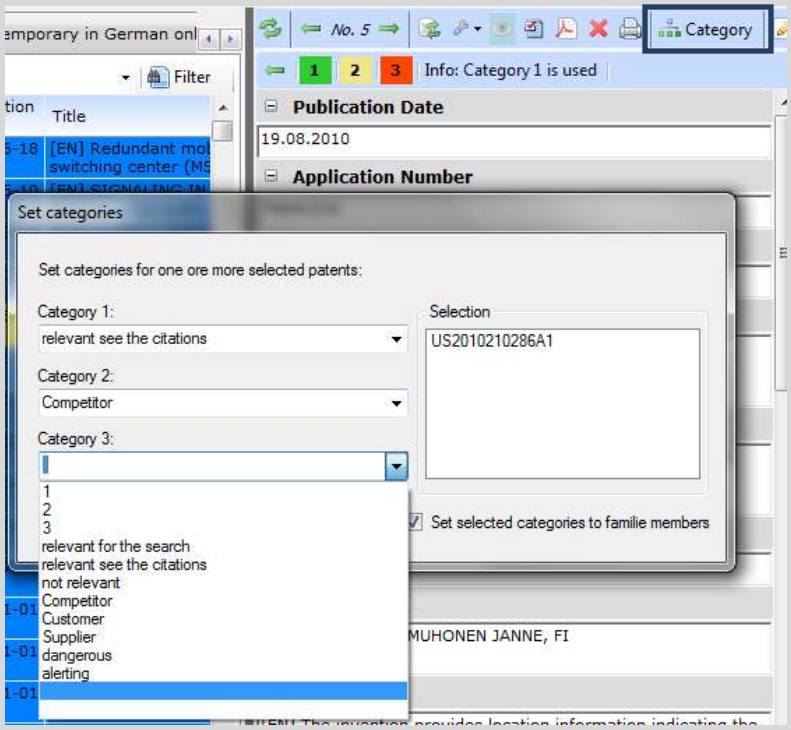
Categorization of multiple patent documents as single action is available directly from the single view the Quick Bar. It enables you to attribute the same category to different patent documents which have the same relevance in one action. The categories and the corresponding meaning can be set and changed by selecting: Extra> Options ->Result list

Structure

- Each button in the toolbar has a number (relevancy)
- By browsing on the button you can display the meaning you have been setting behind the number

The arrow on the left hand side of the toolbar enables you to go to the previous patent on the list

Quick Bar from the Single View (Right Click on the mouse)



Depending on the search performed you can easily by clicking on categories switch and manipulate very fast the categories to be attributed on one patent or the entire patent family.

Additional information to the patent document

Drawing to the patent document

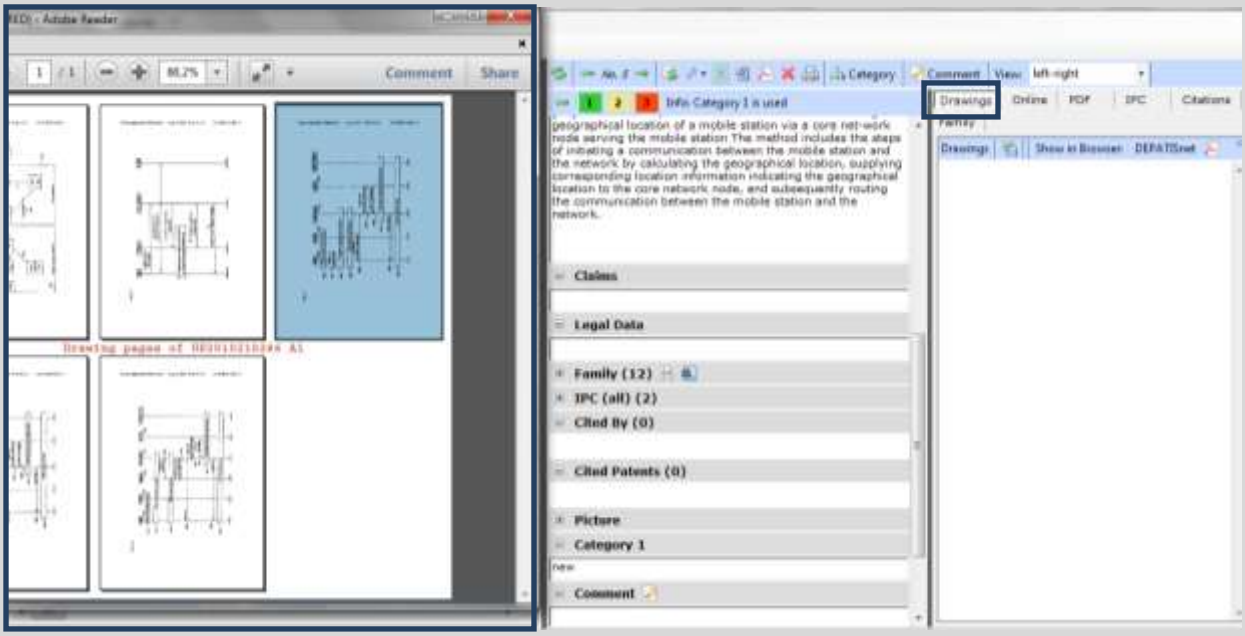
Patent*Examiner* will be automatically inserting for each single patent document where there is a representative image available in the Tab.

By a left mouse click on the representative picture you can rotate the image of 90 degrees.

You can alternatively display online via Espacenet the first image available, if you didn't load it already or decide the representative image for the given document to Patent*Examiner*

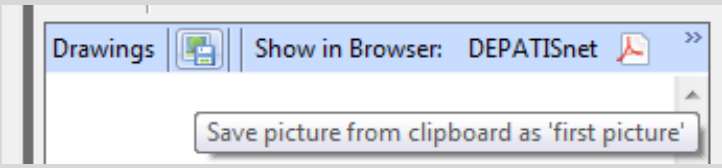
If there is no first image available then you will download the whole "Mosaic of images available in Espacenet for the corresponding document.

How to load and select a drawing to be inserted in Paten*Examiner*



1. Click on Drawing on the left-hand side window

2. The PDF with the Espacenet Mosaic will open –select the representative image for your report and click right with the mouse to copy the drawing.



1. Click on the icon save picture from the clipboard as first picture and the representative drawing you have chosen will be saved to into the Patent*Explorer* document.

Display Patent information Online directly from the Patent Office site

In Patent*Explorer* you can connect directly to the Patent Office's sites to display the corresponding documents online you have at the moment the choice in between Espacenet and Depatisnet directly or you can open an additional the internet browser.

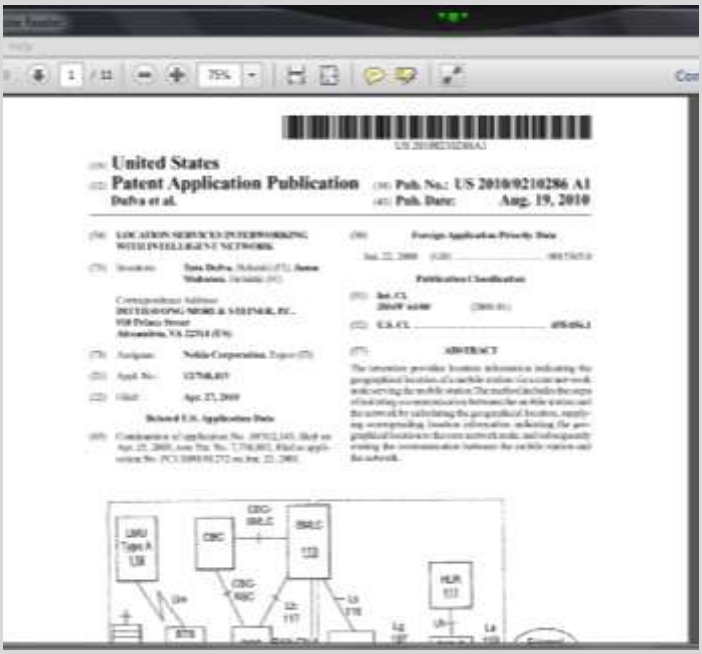
Toolbar online

With this toolbar you can perform several tasks to complete with fields or additional information the Patent*Explorer* Patent document by having side by side the initial (preset) fields in your offline document and the one online

Database ▾	You can select other online services and from the patent offices you want to explore for the document you are as EPOLINE USPAIR DEPATIS REGISTER, Google Patents etc...

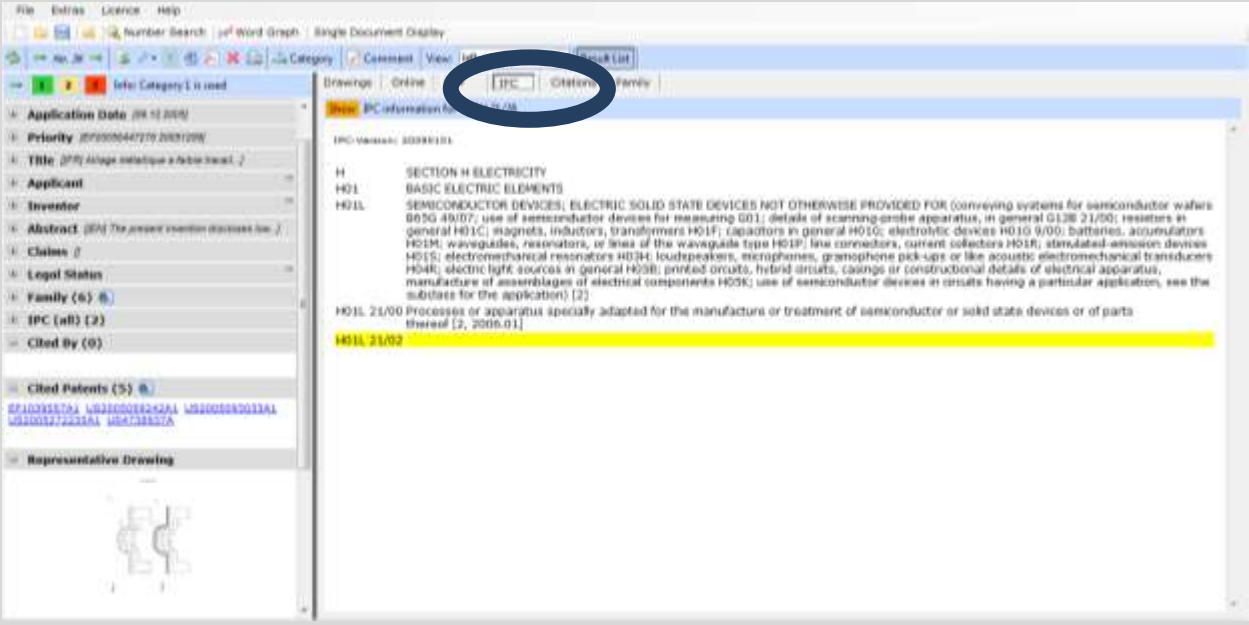
100	**Zoom Function for the online service**
	Refresh the online contents
	Stop Loading the Page
	Print the online contents
Suchen	**Find** in the online contents will open up a window where you can insert information you want to search
Get patent data	Will extract the contents of the patent online site and import is in Patent*Explorer*
	Will enable to select the representative drawing and import it into the Patent*Explorer* document

PDF Documents and Download



You can display the PDF of the original patent document after the download. In case the PDF is not available you will have a message notifying you in Patent*Examiner* .On the other hand if you did not preset the download of the PDF through permanent option you can download and display the document from offline after selection and download

IPC hierarchy and meaning



By clicking on IPC you will be able to display the IPC Classification and its definition and position in the hierarchy online for the corresponding patent document.

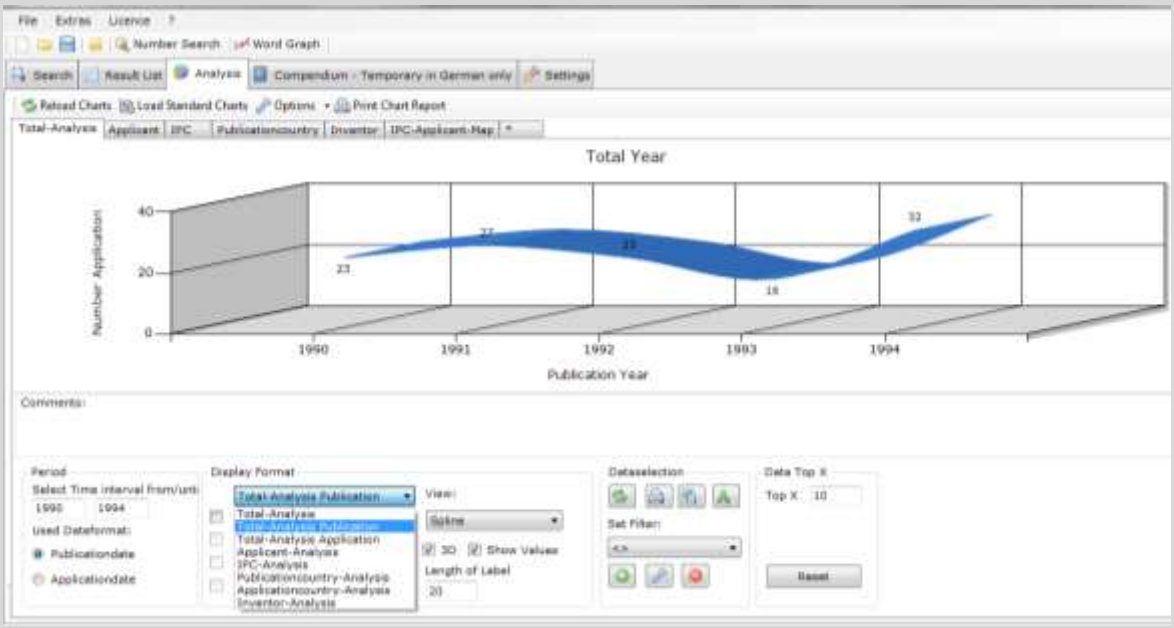
With the help of the IPC hierarchy you can quickly understand the current classification of the patent in a given technology.

5. PATENT ANALYSIS in Patent*Explorer* :Patent*Analytics*

1. Introduction
2. Functions in the Analysis Module
    - Analyses Tab
    - Period restrictions
    - Display format and View (Analysis Criteria and Display Options)
    - Data Top X
    - How to standardize the data to be analyzed
    - Data selection features
    - Patent Analysis Criteria
- Graphical representation for single and multiple criteria analysis
    - How to Set a Filter
    - Filter Legend
    - Analyses Module Bar
    - Comments
    - Contextual Menu

Introduction

Click on **Analysis** on the Tab if you want to analyze a set of results. Patent*Explorer offers* you several options in the type data set analysis from simple to sophisticated and a range of graphical representations which matches your company's requirements in term of patent analysis. Besides the data standardization feature you the analysis module includes powerful filter to focus on more accurate analysis types.



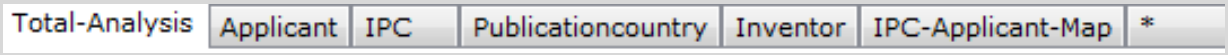
View of the Analysis Module

Functions in the Analysis Module

Following are the functions & features you are able to use on each Tab of the Analysis Module of Patent*Explorer*:

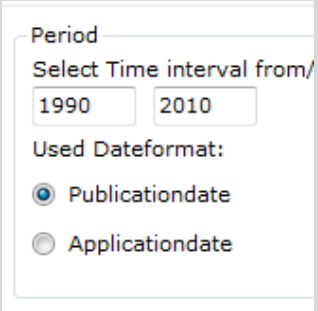
Analyses Tab

As soon as you select the Analysis Module you will have the possibility to analyze your results by selecting the Tab which is more appropriate to your need



Tabs View

Period restriction



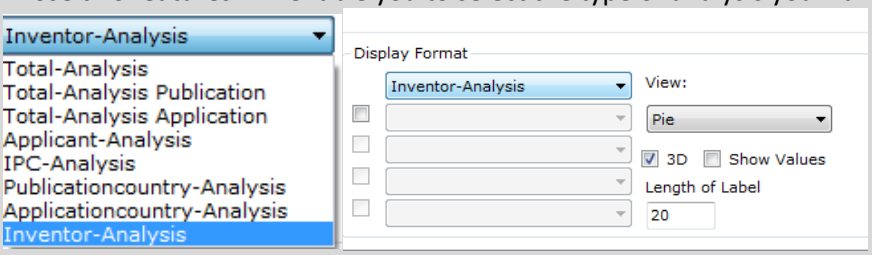
In Patent*Explorer* you have the choice in between working with all your result dataset or focus on a partial time range.

You can preset before starting the analysis on an interval and change it while you are analyzing to obtain different views.

You can also change by checking for the same set of data in between Publication and Application date.

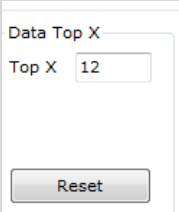
Display Format and View

Those two features will enable you to select the type of analysis you want to perform:



1. **Display Format** Select from the menu bar the analysis type
   If you want to analyze several criteria together you have to check the box on the left hand side and choose the criteria you want to combine together, you can combine up to 5 criteria together?
2. **View** you can choose the graphical representation you want to obtain
   N.B: The options in the view. Will change depending on the type of analysis you'll perform.
   You can also select to show Values of the analysis inside the graph.

Data Top X



This feature enables you to display only the result analyses restricted to the TOP" X" depending on the criteria you have been selecting in the display format and view.

How to standardize the data to be analyzed

Select in the Analysis Tab under **Dataselection** the last button , this will open up the window to unify (standardize) the patent data set. The same type of standardization is available from the result tab.

This unique feature enables you to normalize in-house the patent data obtained from one or different data sets and different sources**.**

You can normalize 3 types of data:

- **Patent Assignee**
- **IPC-Classification**
- **Inventor**

Select with the CTRL ALT the data you want to normalize as having different spelling and click after deciding the Merging Value Name and click on Ok to confirm

To undo or unmerge the data click on the Reset button on the right hand -side.

By entering in the **Filter Option** Box provided any inventor or applicant name or any classification appearing on the right-hand side list you can filter out the rest of the records contained in the dataset and work only on this specific selection to clean manually the data and add value

Patent Analysis Criteria

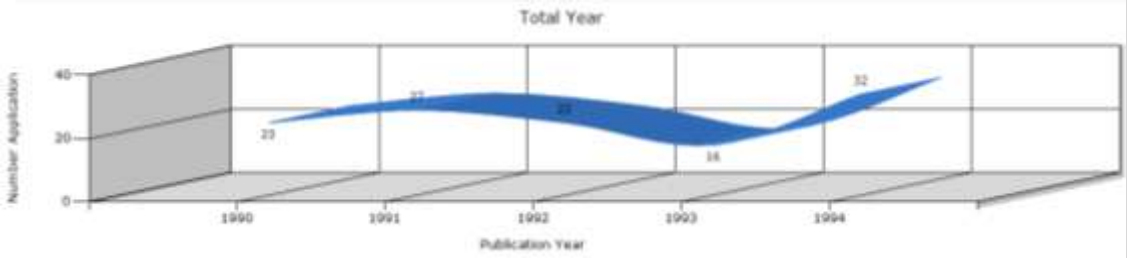
You can analyze the following patent criteria:

- Application/Publication Date(whole set)
- Restrict both ranges set by selecting only part of the data
- IPC Class analysis
- Publication/Application country
- Assignee
- Inventor

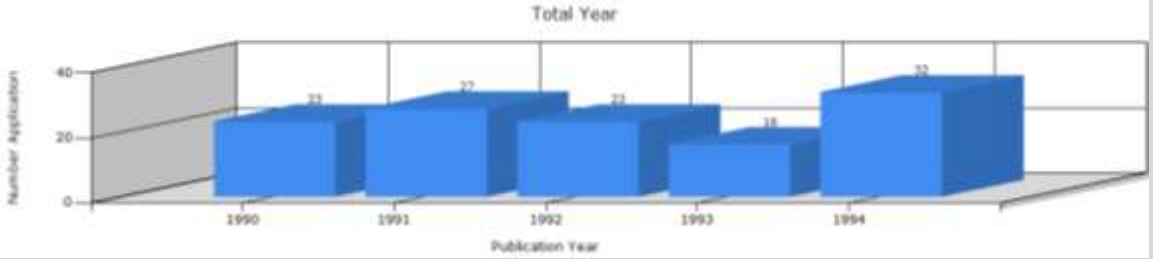
As a single analysis criteria or in combination with any other criteria enumerated here above in the list

Graphical representation for single & multiple patent criteria analysis

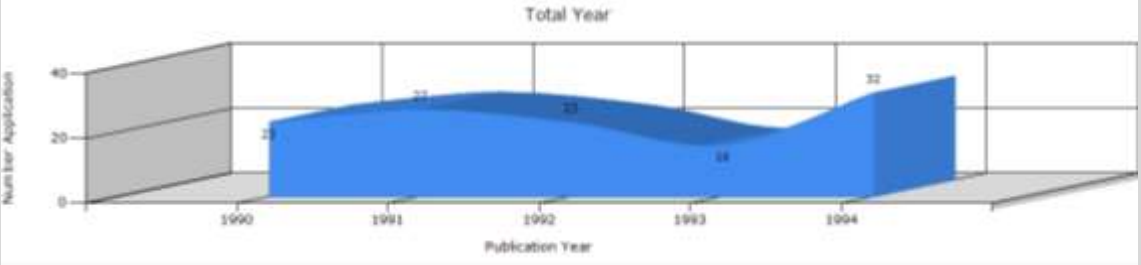
- **DATE single criteria analysis:**
  Here you can see an analysis of Publication and Application Date merged with corresponding values of the number of documents per year. To obtain this representation choose in the **Display Format**: Total Year Analysis Publication **OR** Total Year Analysis Application.



Spline



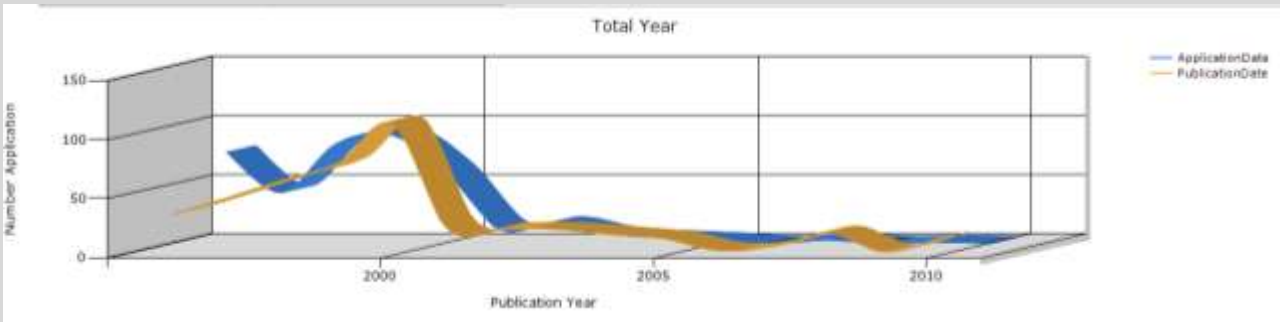
Columns



Splinearea

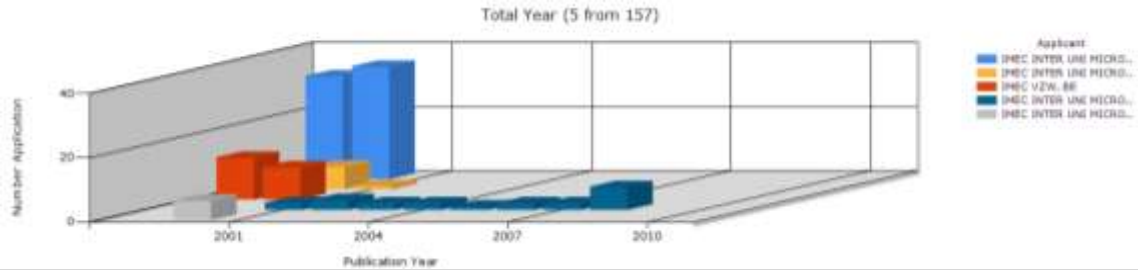
DATE multiple analysis criteria:

Here you can see an analysis of Publication and Application Date unmerged. To obtain this visualization of the data select in the Data Format in drop menu bar :TotalAnalysis



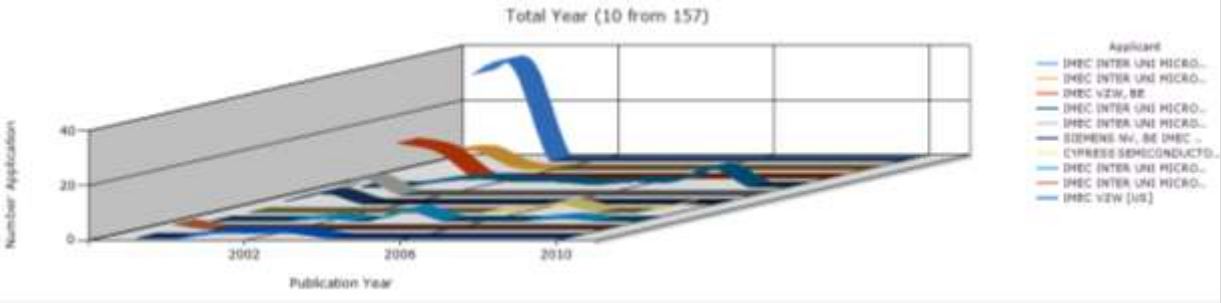
2. APPLICANT Analysis:

For analyzing applicants in a technology area you just can choose in the Menu Display Format from the drop down Applicant Analysis.

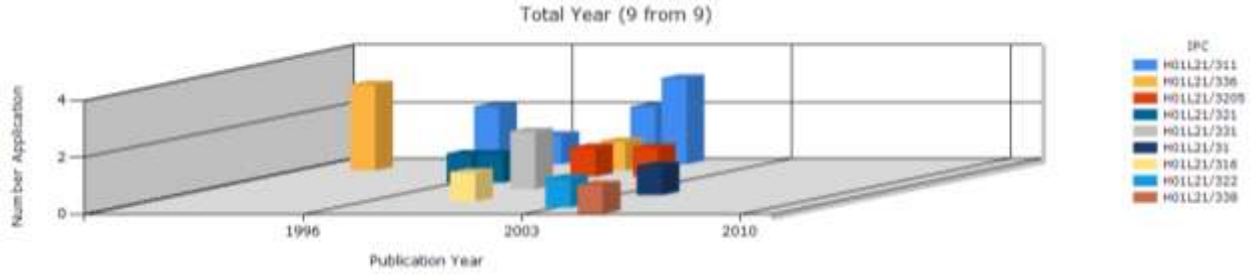


Display of applicant analysis in combination with the publication year

or simply to look at the variations of Assignee name for a given Patent Portfolio for an extended period of time.

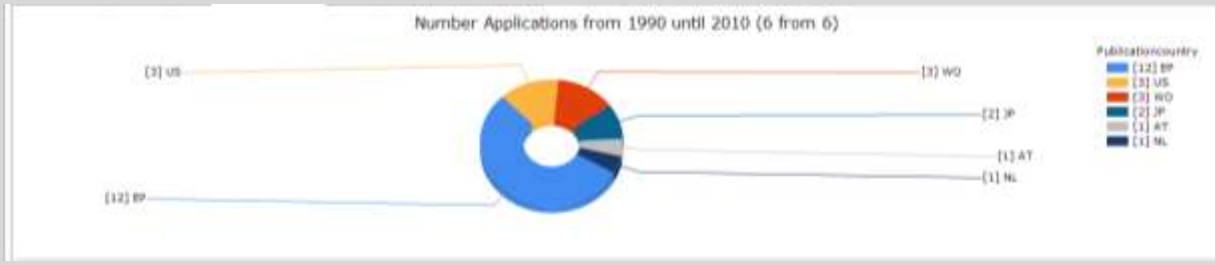


3. IPC Class Analysis



In Patent*Explorer* you can perform analysis on the IPC Class to display the technological sector where your competitors are active or a display a specific IPC Class and subclass to focus into specific area just filtering the data set.

4**. Publication Country** Analyses



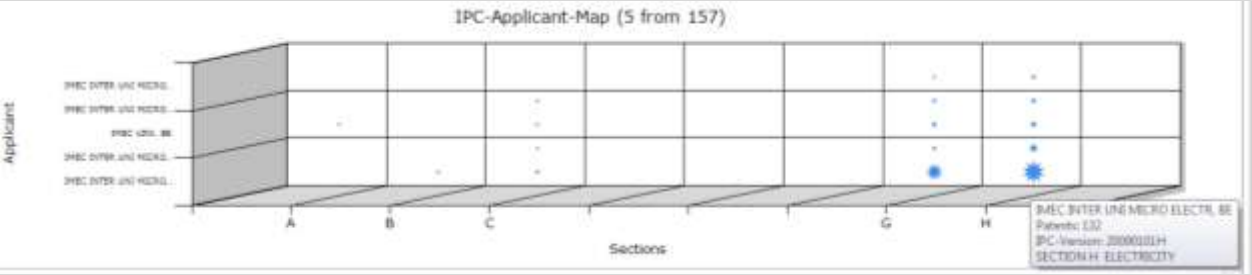
Display View of: Publication Country Analyses on filtered data in a doughnut format.

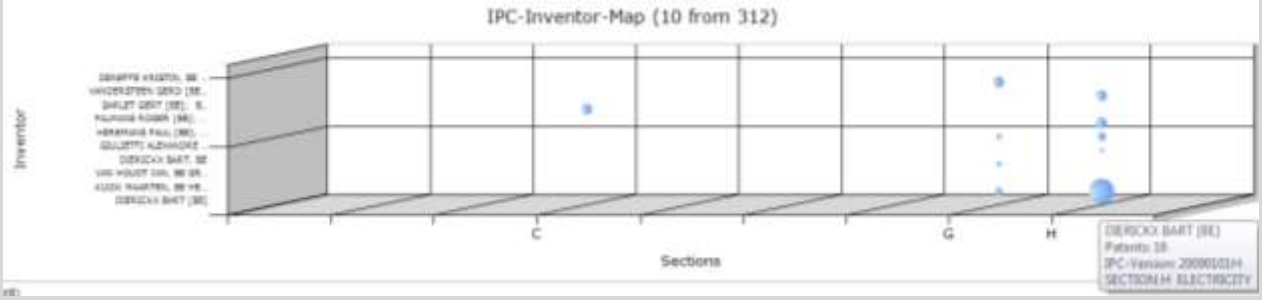
5. **Inventor** Analysis

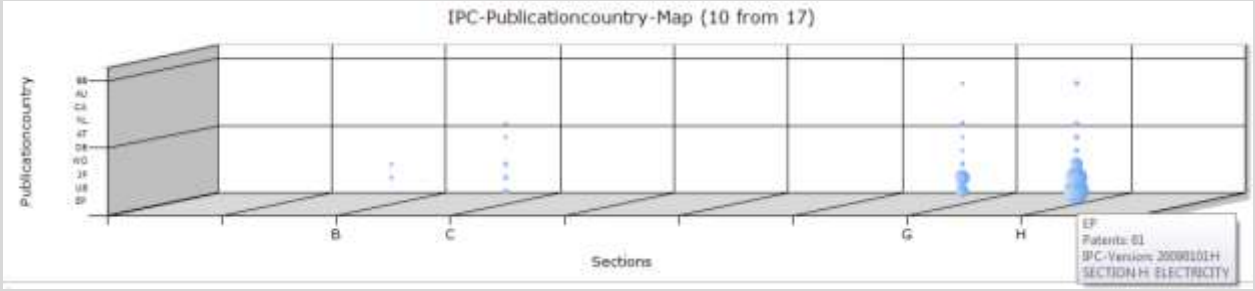
Display of Inventor analysis in a pie format for the TOP 20 inventors

6**. Cross Fields Mapping** Analysis

This type of Analysis combines the IPC Classification and the Applicants in a very user-friendly display .In the same way using the Display format you can select IPC -Inventor Map or IPC –Publication/ Application Country Map. Moving your browser on one of the dots will enable you to display the information behind







Data Selection Features

	Unify Data will enable you to standardize the data of some important fields in order to obtain an unbiased analysis
	Refresh the contents for the analysis
	Print the analysis contents as a report with the inserted comments
	Save Graph as JPG image to the computer for further report s

How to set a filter in the analysis

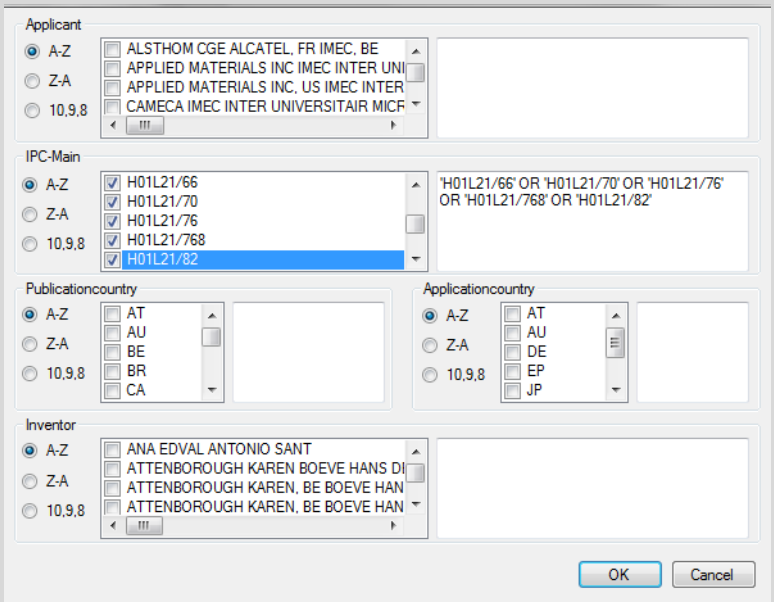
In the set Filter section, click on the to open the window and to enter a Filter criteria.

Enter the filter criteria you decided to use to refine your analysis from the following ones:

- Applicant

- IPC Main
- Publication Country
- Application Country
- Inventor

Click on OK this will open a new window, which will present you all the criteria you can filter out of your analysis. Select on the left hand side the one you want to exclude (filter out) and confirm with the button OK.



This will alter all the graphical representation and give you a different perspective on the analysis.

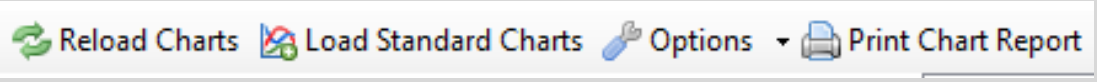
To erase the filter click on the red button in the filter session

Data Filter Legend

	Unify Data will enable you to standardize the data of some important fields in order to obtain an unbiased analysis
	Set a filter clicking this button will open a up a window to insert the Filter criteria
	Work within Filter environment it is only active if you previously set up one filter and enables you to modify edit change the filter of your analysis
	Delete Filter here you can delete the active Filter

Analysis Module Toolbar

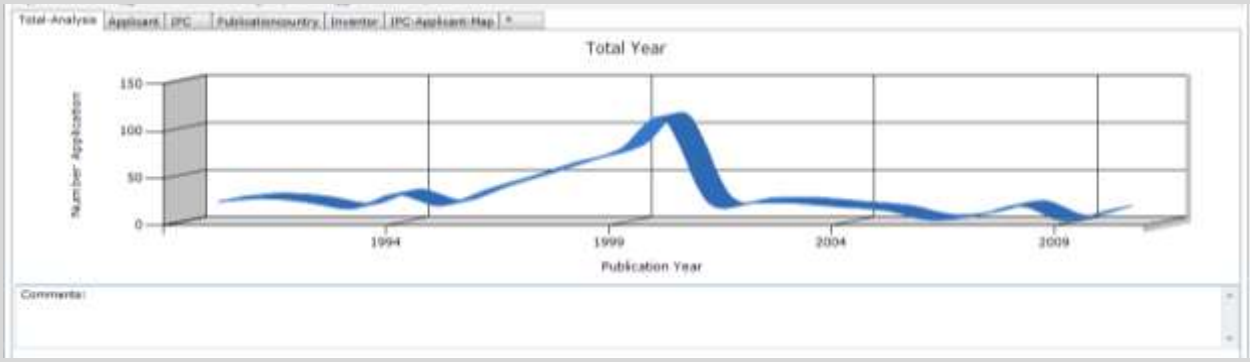
The Analysis Toolbar located over the Analysis Tabs presents the following options



Reload Charts	Will reload the only those analysis you have been performing by changing the Tabs name and leaving the standard charts denomination out
Load Standard Charts	Will reload the Standard Tabs and you can start a new analyses
Options	Will Load the IPC Classification meaning so that you are able to see which field the inventions in your analysis have been categorized
Print Chart Report	Will enable you to print the Chart and the attached observations.

Comments

Each analysis you perform will has a space beneath where you can insert your comments to the specific analysis.



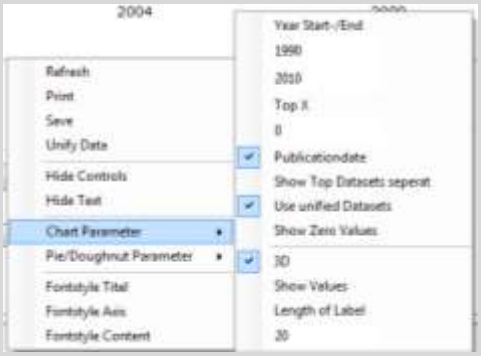
Contextual Toolbar

A right click on the mouse will open the contextual toolbar with additional options for the post processing of the analysis and charts.

REFRESH	Will reload the only those analysis you have been performing by changing the Preset
PRINT	Will print the chart you are displaying
SAVE	Will save your chart as JPG image to your PC
UNIFY DATA	Is a short cut to unify (standardize the data)
HIDE CONTROLS	Will hide all the options displayed belove the Comments session for a cleaner post process and Export of the data
HIDE TEXT	Will also hide the comments to view only the graphical representation.

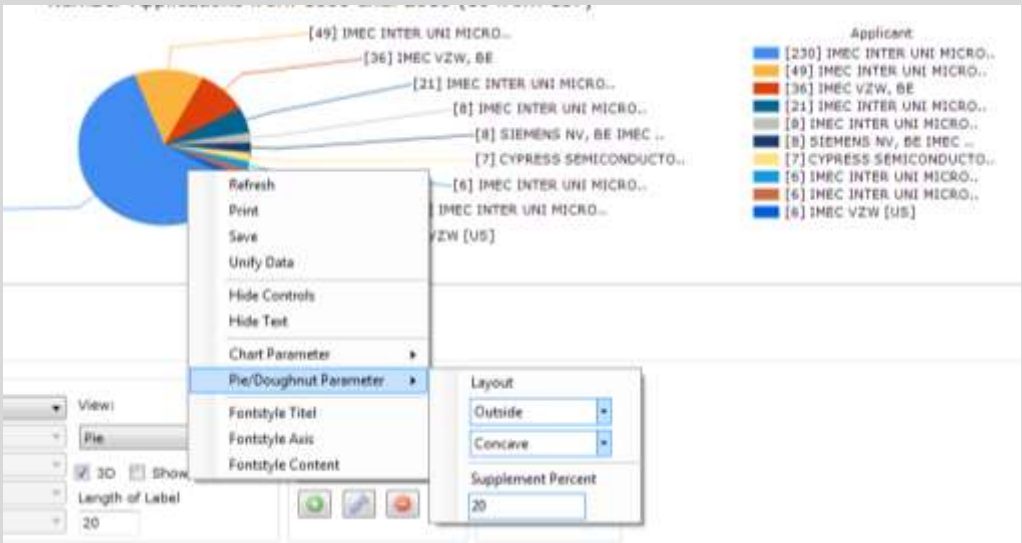
Chart Parameters:

If you have been hiding the Text and Controls to view better the graphical representation clicking on the arrow next to chart parameters will give you an overview of all the parameters of the analysis and a short cut to change some parameters which are not optimal without returning back to the Control Screen .



Pie and Doughnuts Parameters:

Works only on the designated graphical representations and enables you to change some details in the layout by clicking on the right hand sided arrow you will be able to modify the information position and the graph display



Font style Title, Axis and Content

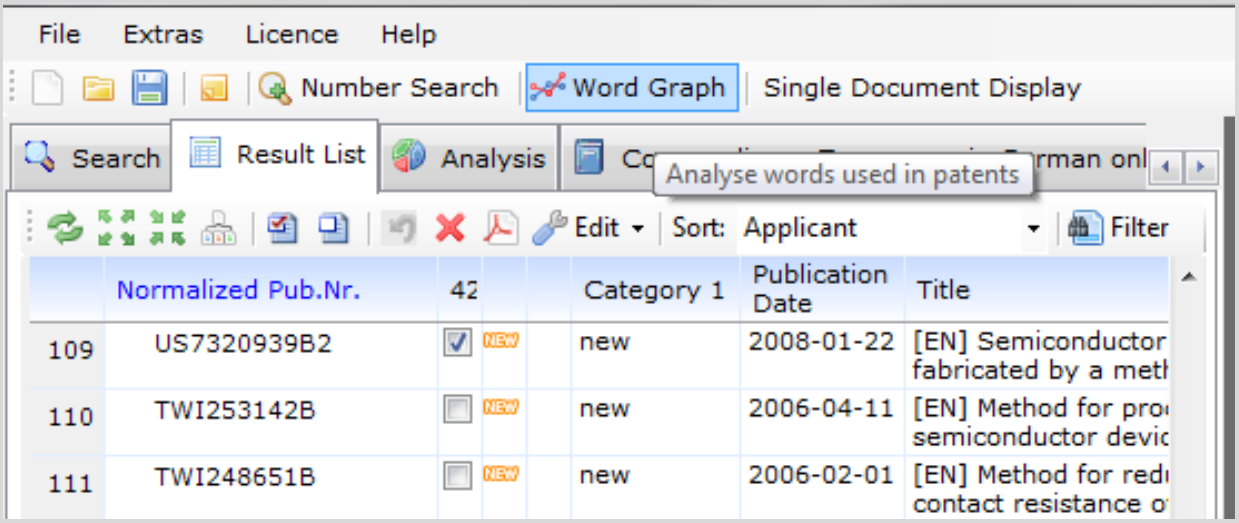
You can change the Font style in the graphical representation according to your company's requirements for the title, axis and contents in the graph by clicking on the corresponding selection in the toolbar.

6. WORD GRAPH

- Introduction : What is a Word Graph
    - How to set-up the Word Graph and mine text relationships
    - Common parameters
    - How to analyze a set of documents with the Word Graph
- Graphical Visualization and function of the Proximity Analysis
    - Proximity Analysis functions

- Contextual Menu

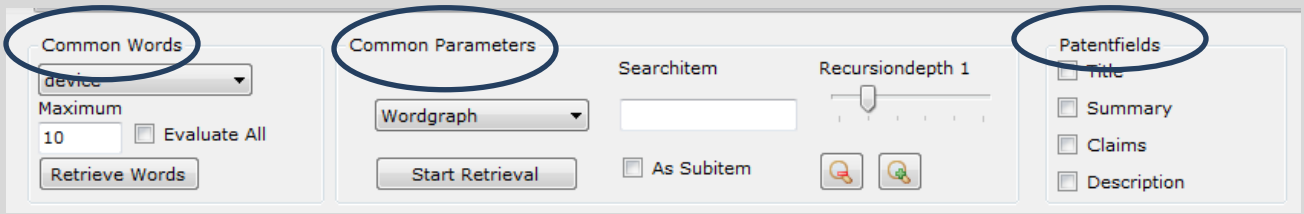
- Second level Analysis in the Word Graph (combining proximity with frequency)



After performing a **Meta Search** or a **Single Patent Source Search** the retrieved information is displayed in a Hit-list. To refine your search results by additional and more appropriate key-words, or for enriching your keyword glossary with relevant words, you can use the Word Graph by clicking on the corresponding TAB in the Patent*Explorer* Toolbar .

This action will open an additional window in Patent*Explorer* where you can start to extract mine the text of the current result set.

How to set up the Word Graph and mine text relationships

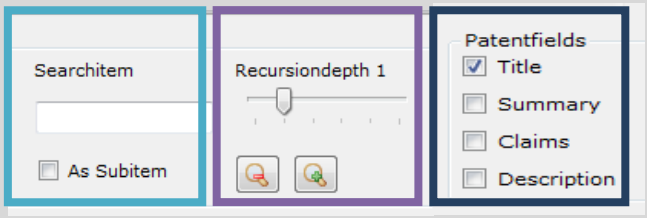


The analytical functionalities of the Word Graph consists of 3 settings.

1. Common Parameters
2. Patent Fields

3. Common Words

Common Parameters



The Common Parameter sis the main search and analysis function driving all the subsequent action and visualization. Enter in **Search item** the key word or phrase to be analyzed (mined) in your result set. I.e. this might be also the keyword with which you started to search with. Tick the Box **As Subitem** if the Search item has to be handled as a such.

The common parameter consists of 3 settings parameters to start the analysis;

Search Items	Is the key word or phrase you want to use for your analysis
Recursion depth (Proximity in btw Words)	Is the Proximity in between words you want to analyze and to display
Patent fields	Are the fields you want to use for the analysis : Title, Abstract (Summary) Claims Description

How to analyze a set of documents with the Word Graph

Before the analysis, take care of the following especially if your result set contains EP, WO etc... documents that those can be drafted in different languages :

- EP documents can be drafted in English , German or French
- WO documents can be drafted in English French or Spanish

To achieve an optimal use of the Word Graph remember to use only those which are drafted in the same language.

1. Enter the Term you want to analyze in your result set.

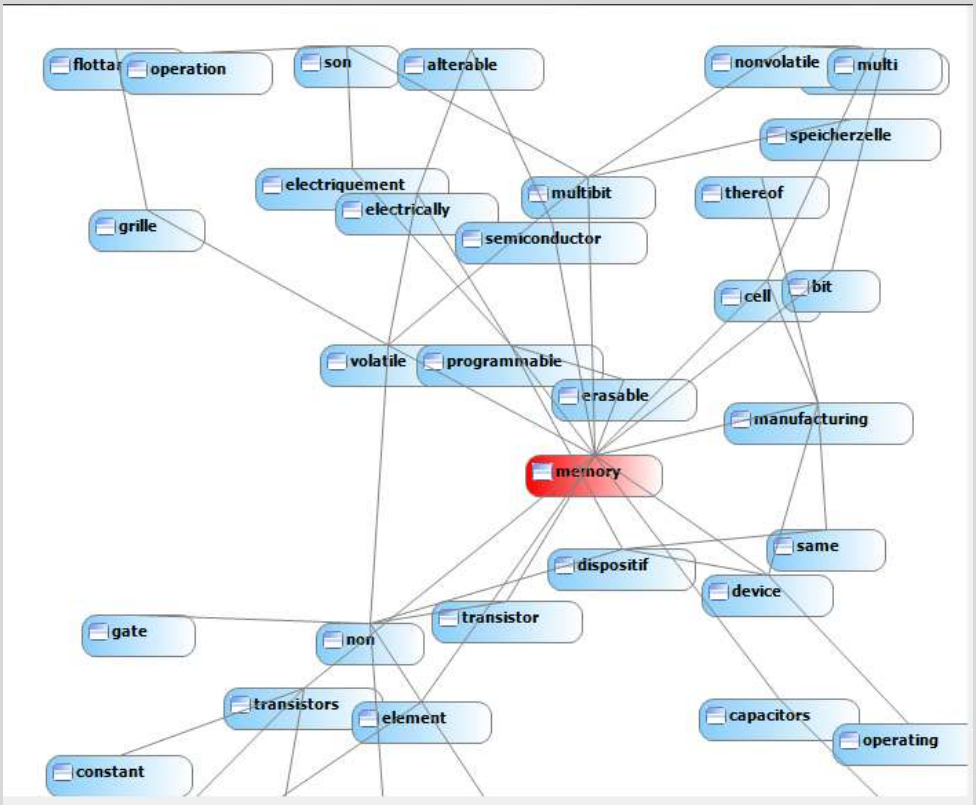
2. Set the recursion depth in between 1 and 3 knowing that this parameter as higher set – will increase the number of words in your Word Graph visualization.

3. Establish the fields in the documents which have to be taken in consideration for the analysis.

4. Click on Start Retrieval to start the first analysis.

Graphical Visualization and functions of the Proximity Analysis

After clicking on the button **Start Retrieval** you will be visualizing the Word Graph.



How to read the Word Graph:

The first overview of the analysis will give you an insight of the words extracted and their relationship to the Searched Item word.

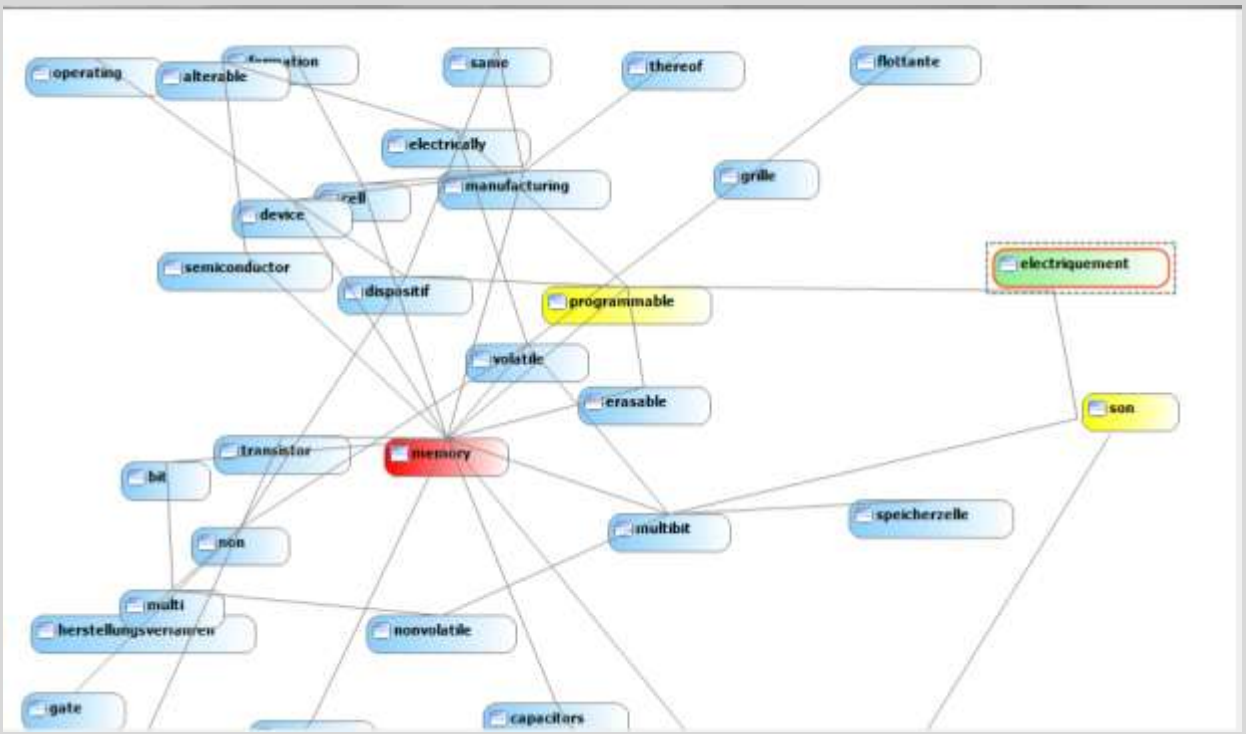
The lines designated the relations in between the words and their proximity in the text : Title , Abstract , Description or Claims .

COLOR LEGEND

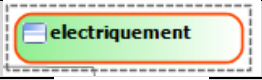
	RED – will be always the term you entered when you started the analyses
	BLUE- will always designate all the other terms resulted from the analyses

Proximity Analysis functions

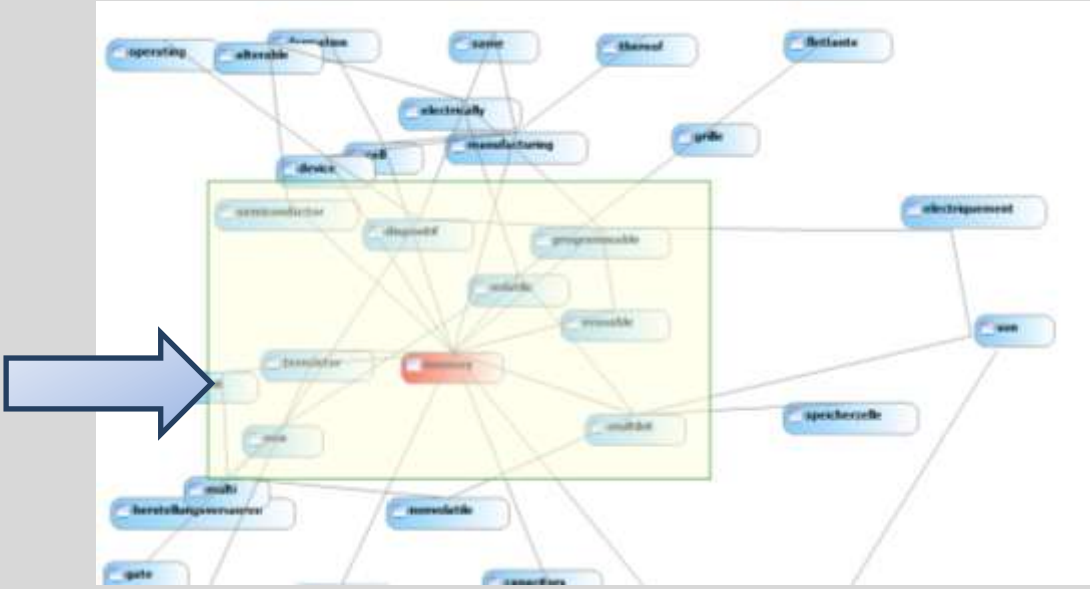
The Word graph is not static by clicking on the different words displayed you can gain an insight about how the words are connected together.



In this example the user selected a word **electriquement** to see which words are in proximity to it and the colors show the relationship.

	RED – will be always the term you entered when you started the analyses
	BLUE- will always designate all the other terms resulted from the analyses
	GREEN –designates the term you selected to underline the proximity with other terms
	YELLOW – will always designate those terms which are in direct proximity with the term you selected , this being the term you started the analysis or one you selected in the word graph

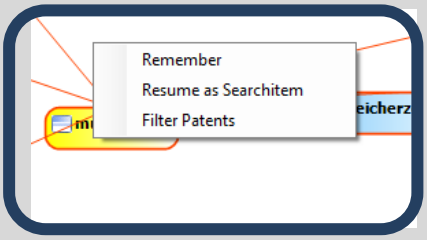
By using the mouse you can select in the Word Graph a group of words that are relevant in the result set under analysis and that you were not aware of



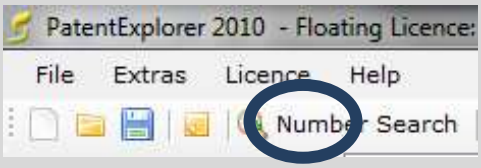
By a right mouse click you will display a contextual menu enabling you to work with this selected subset.

The Contextual Menu

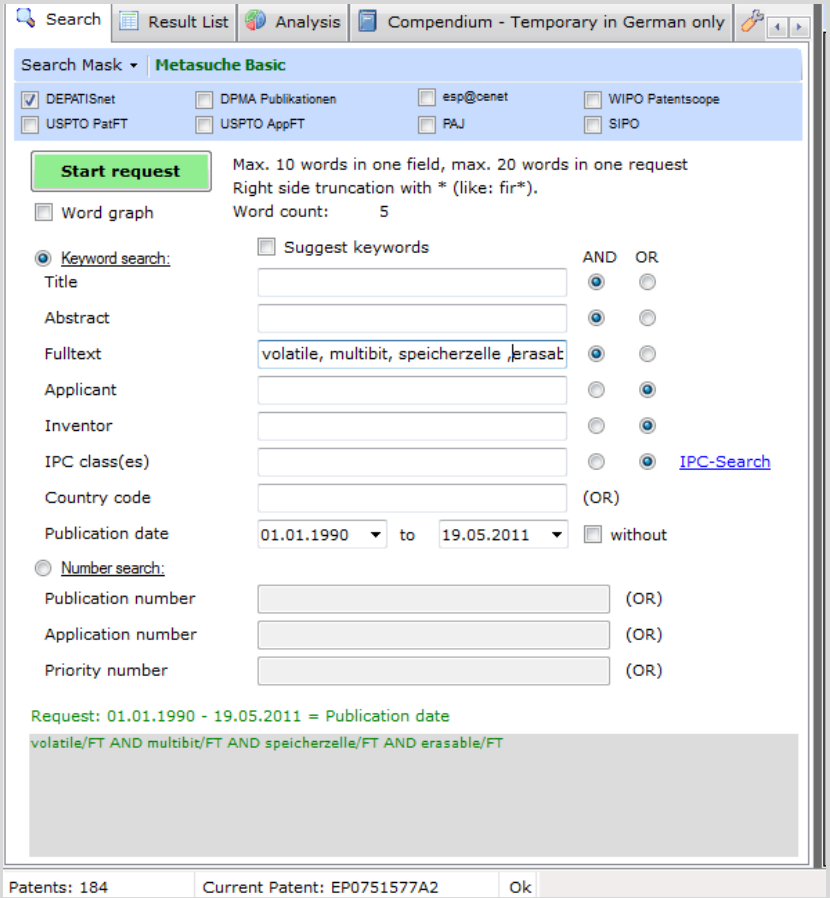
The contextual offers you three different powerful functions:



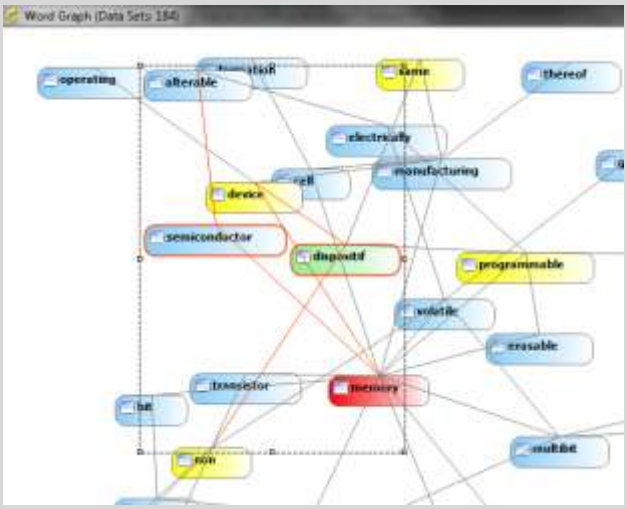
REMEMBER: this will open the annotations and automatically copy paste the words you selected for a later use. You can recall the words you want to remember by clicking on this icon in the PatentExplorer Menu Bar



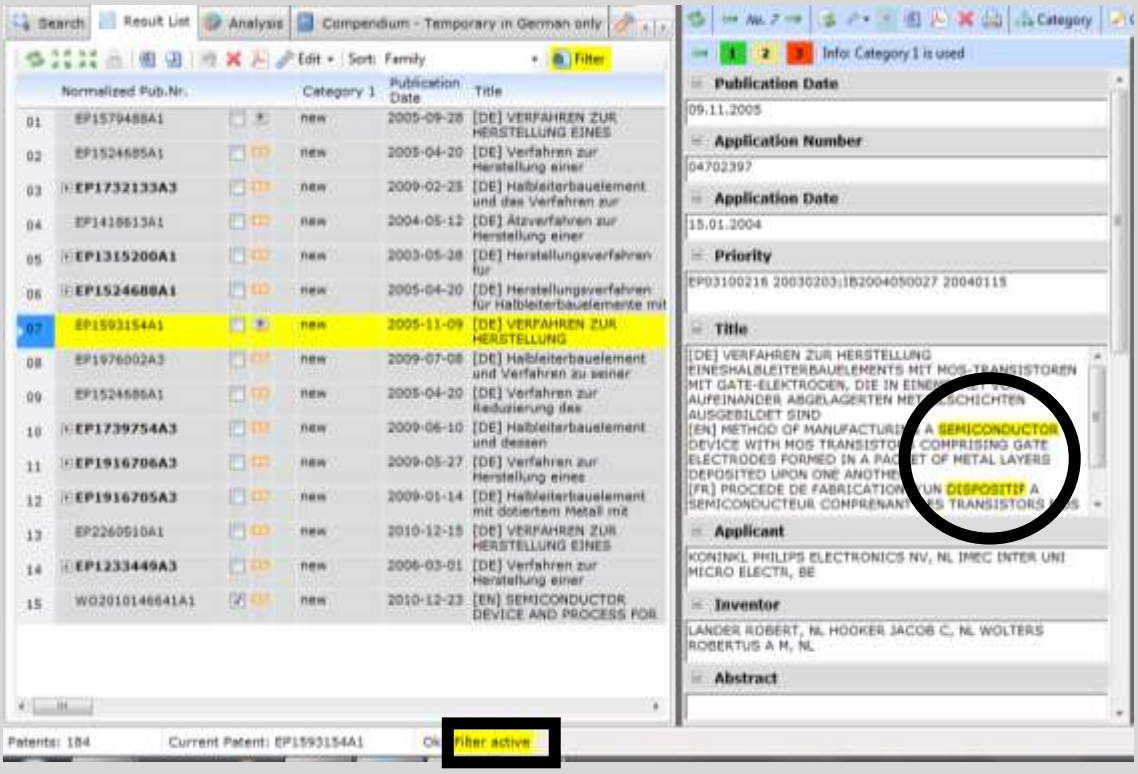
RESUME AS SEARCH ITEM: will be transferring automatically the keywords you selected in the Metasearch Basic mask to perform a subsequent search with your selection.



FILTER PATENTS: This feature will work on you current result set and will enable you to filter your patents and only display in the Hit –list which containing this specific selection.



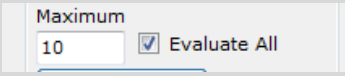
In this specific example the user was working on a set of 184 patents by selecting a subset in the WordGraph and returning to his documents set, the filter is on and he reduced his set to 11 documents He can browse now the documents and locate the key words he selected as they are highlighted in the text.



Second Analysis Level in the Word Graph (combining proximity with frequency)

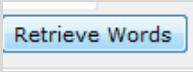
In this example you can see that a Word Graph has been generated by using a SEARCH TERM: Semiconductor .

On the left hand side of the menu you can refine the analysis to determine faster which are the words that in the word graph are the most frequently occurring in context (Proximity) with the Search item Semiconductor .



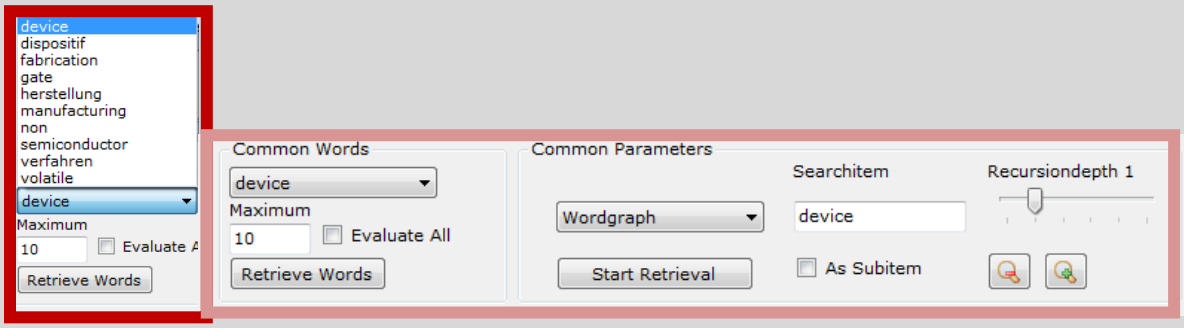
Here you have the option:

1. To view the most frequents just by entering a number in between 1 and 10 .
2. Tick the box **Evaluate all** .

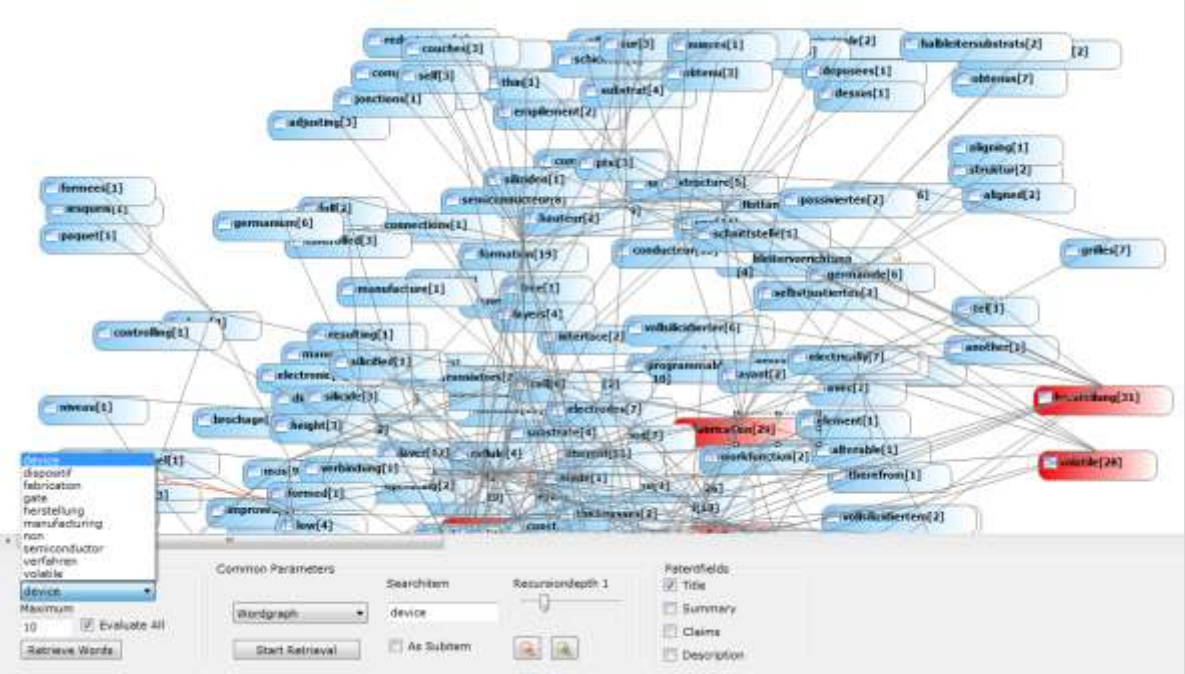
After you made your choice click on 

to start the analysis.

1. In the case you selected the most frequents only by entering a number you will be easily by clicking on the dropdown Menu displaying all and select the one you to be re execute a Word Proximity Analysis to uncover other word relationships.



2. If you selected the box : **Evaluate All** this will be displayed in the word graph with all the terms which appear in the scroll box in RED .



You can use the same functions described in the Proximity Analysis to work in the Word Graph .